

SCORE OVER LENGTH SEARCHES

Attached is a score over length search. This search was developed to overcome limitations in most standard search systems which favor large sequences with high scoring, but lesser overall identity over smaller sequences with higher overall identity. This search is especially useful for relatively small nucleic acid or polypeptide target sequences (antisense, fragments, probes, primers, RNAi, epitopes, haptens, etc.) claimed functionally via a form of hybridization and/or identity language and having defined upper and lower polynucleotide and or polypeptide length limits.

The score over length search is performed by first running the query sequence using examiner-specified identity and polynucleotide or protein length limit parameters, and saving 65,000 hits and 0 alignments from each desired database. The resulting output is reformatted using a Microsoft Word macro and is imported into Excel. The summary table data are then sorted by the ratio of score of each hit sequence divided by its length and the accession numbers for all hits below the examiner's desired score over length parameters are deleted. The remaining accession numbers are used to pull the corresponding sequences from the databases into subdatabases enriched for good hits and the query sequence is re-run against these subdatabases to yield the final results.

The score over length cutoff for this search is 707₂

Examiner Please Note: This cover sheet should be included when submitting results to be scanned.

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GenCore version 5.1.6
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OM nucleic - nucleic search, using bw model

Run on: November 2, 2004, 10:15:27 ; Search time 86 Seconds
(without alignments)
3.667 Million cell updates/sec

Title: US-10-633-913-3

Perfect score: 5444

Sequence: 1 gcccccggggccggagaggt.....aggataagaagttacttac 5444

Scoring table: IDENTITY_NTC

Gapop 10.0 , Gapext 0.5

Searched: 1426 segs, 28964 residues

Total number of hits satisfying chosen parameters: 2852

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1456 summaries

Database : rge3.seq*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	39	0.7	39	1	AX530368
2	30	0.6	30	1	ACCESION:AX530370
3	23.4	0.4	33	1	ACCESION:AX530370
4	23.2	0.4	29	1	BD011883
5	22	0.4	30	1	ACCESION:BD011883
6	22	0.4	30	1	ACCESION:BD011883
7	21.6	0.4	31	1	AX089776
8	21.2	0.4	28	1	ACCESION:AX089776
9	21	0.4	30	1	ACCESION:AX089776
10	21	0.4	21	1	AX530372
11	21	0.4	21	1	ACCESION:AX530372
12	21	0.4	30	1	AX530374
13	21	0.4	30	1	ACCESION:AX530374
14	21	0.4	30	1	ACCESION:AX530374
15	21	0.4	30	1	ACCESION:AX530374
16	21	0.4	30	1	ACCESION:AX530374
17	21	0.4	30	1	ACCESION:AX530374
18	21	0.4	30	1	ACCESION:AX530374
19	21	0.4	30	1	ACCESION:AX530374
20	21	0.4	30	1	ACCESION:AX530374
21	21	0.4	30	1	ACCESION:AX530374
22	21	0.4	30	1	ACCESION:AX530374
23	21	0.4	30	1	ACCESION:AX530374
24	21	0.4	30	1	ACCESION:AX530374
25	21	0.4	30	1	ACCESION:AX530374
26	21	0.4	30	1	ACCESION:AX530374
27	21	0.4	30	1	ACCESION:AX530374
28	21	0.4	30	1	ACCESION:AX530374
29	21	0.4	30	1	ACCESION:AX530374
30	21	0.4	30	1	ACCESION:AX530374
31	21	0.4	30	1	ACCESION:AX530374
32	21	0.4	30	1	ACCESION:AX530374
33	21	0.4	30	1	ACCESION:AX530374

34	19.6	0.4	28	1	AX427136	ACCESION:AX427136
35	19.4	0.4	21	1	AX083691	ACCESION:AX083691
36	19.4	0.4	21	1	AX083696	ACCESION:AX083696
37	19.4	0.4	22	1	AX083692	ACCESION:AX083692
38	19.2	0.4	25	1	BD056964	ACCESION:BD056964
39	19.2	0.4	26	1	AS1713	ACCESION:AS1713
40	19.2	0.4	26	1	AR167592	ACCESION:AR167592
41	19.2	0.4	26	1	AR174581	ACCESION:AR174581
42	19.2	0.4	26	1	AR178302	ACCESION:AR178302
43	19.2	0.4	26	1	BD248974	ACCESION:BD248974
44	19.2	0.4	26	1	BD248974	ACCESION:BD248974
45	19.2	0.4	26	1	AR263648	ACCESION:AR263648
46	19.2	0.4	26	1	AR374073	ACCESION:AR374073
47	19.2	0.4	26	1	AR56223	ACCESION:AR56223
48	19.2	0.4	26	1	AX106717	ACCESION:AX106717
49	19.2	0.4	26	1	AX323384	ACCESION:AX323384
50	19.2	0.4	26	1	AX686854	ACCESION:AX686854
51	19.2	0.4	27	1	SG486283	ACCESION:SG486283
52	19.2	0.3	27	1	AR090983	ACCESION:AR090983
53	19.2	0.3	27	1	BD4985	ACCESION:BD4985
54	19.2	0.3	27	1	AR198018	ACCESION:AR198018
55	19.2	0.3	27	1	AR260172	ACCESION:AR260172
56	19.2	0.3	27	1	AX104719	ACCESION:AX104719
57	19.2	0.3	27	1	AX355814	ACCESION:AX355814
58	19.2	0.3	27	1	AX547772	ACCESION:AX547772
59	18.8	0.3	22	1	AR409904	ACCESION:AR409904
60	18.8	0.3	22	1	AR409906	ACCESION:AR409906
61	18.8	0.3	25	1	BD243336	ACCESION:BD243336
62	18.8	0.3	26	1	AR098647	ACCESION:AR098647
63	18.8	0.3	26	1	AR204721	ACCESION:AR204721
64	18.6	0.3	25	1	BD244864	ACCESION:BD244864
65	18.6	0.3	25	1	CO628551	ACCESION:CO628551
66	18.6	0.3	25	1	AR434730	ACCESION:AR434730
67	18.6	0.3	25	1	AR469614	ACCESION:AR469614
68	18.6	0.3	25	1	AX500811	ACCESION:AX500811
69	18.4	0.3	24	1	AX391871	ACCESION:AX391871
70	18.4	0.3	26	1	BD237566	ACCESION:BD237566
71	18.4	0.3	26	1	AR257336	ACCESION:AR257336
72	18.4	0.3	26	1	AR263647	ACCESION:AR263647
73	18.4	0.3	26	1	AX814950	ACCESION:AX814950
74	18.4	0.3	26	1	BD062456	ACCESION:BD062456
75	18.2	0.3	23	1	AR123791	ACCESION:AR123791
76	18.2	0.3	23	1	BD44857	ACCESION:BD44857
77	18.2	0.3	24	1	BD010037	ACCESION:BD010037
78	18.2	0.3	24	1	AR034772	ACCESION:AR034772
79	18.2	0.3	24	1	AR068465	ACCESION:AR068465
80	18.2	0.3	24	1	AR105984	ACCESION:AR105984
81	18.2	0.3	24	1	AR107972	ACCESION:AR107972
82	18.2	0.3	24	1	BD243330	ACCESION:BD243330
83	18.2	0.3	24	1	CO482966	ACCESION:CO482966
84	18.2	0.3	24	1	BD243330	ACCESION:BD243330
85	18.2	0.3	24	1	AR184443	ACCESION:AR184443
86	18.2	0.3	24	1	AR202876	ACCESION:AR202876
87	18.2	0.3	24	1	AR213697	ACCESION:AR213697
88	18.2	0.3	24	1	AR232949	ACCESION:AR232949
89	18.2	0.3	24	1	AR241846	ACCESION:AR241846
90	18.2	0.3	24	1	AR261539	ACCESION:AR261539
91	18.2	0.3	24	1	AR340571	ACCESION:AR340571
92	18.2	0.3	24	1	AR3445020	ACCESION:AR3445020
93	18.2	0.3	24	1	AR364668	ACCESION:AR364668
94	18.2	0.3	24	1	AR431310	ACCESION:AR431310
95	18.2	0.3	24	1	AR431310	ACCESION:AR431310
96	18.2	0.3	24	1	AX104241	ACCESION:AX104241
97	18.2	0.3	24	1	AX104759	ACCESION:AX104759
98	18.2	0.3	24	1	AX104770	ACCESION:AX104770
99	18.2	0.3	24	1	AX354553	ACCESION:AX354553
100	18.2	0.3	24	1	AX355813	ACCESION:AX355813
101	18.2	0.3	24	1	AX427163	ACCESION:AX427163
102	18.2	0.3	24	1	AX428574	ACCESION:AX428574
103	18.2	0.3	24	1	AX547294	ACCESION:AX547294
104	18.2	0.3	24	1	AX547822	ACCESION:AX547822
105	18.2	0.3	24	1	AX547823	ACCESION:AX547823
106	18.2	0.3	24	1	AX684290	ACCESION:AX684290
107	18.2	0.3	24	1	AX750585	ACCESION:AX750585

C 107	18.2	0.3	24	1	AX829247	ACCESSION:AX829247	180	17.6	0.3	25	1	AR469272	ACCESSION:AR469272
C 108	18.2	0.3	24	1	AX961624	ACCESSION:AX961624	181	17.6	0.3	25	1	AR469273	ACCESSION:AR469273
C 109	18.2	0.3	24	1	AX961629	ACCESSION:AX961629	182	17.6	0.3	25	1	AR469613	ACCESSION:AR469613
C 110	18.2	0.3	24	1	BD136714	ACCESSION:BD136714	183	17.6	0.3	25	1	AR469615	ACCESSION:AR469615
C 111	18.2	0.3	25	1	AR105982	ACCESSION:AR105982	184	17.6	0.3	25	1	AX043526	ACCESSION:AX043526
C 112	18.2	0.3	25	1	BD187513	ACCESSION:BD187513	C 185	17.6	0.3	25	1	AX138773	ACCESSION:AX138773
C 113	18.2	0.3	25	1	BD187514	ACCESSION:BD187514	C 186	17.6	0.3	25	1	AX500810	ACCESSION:AX500810
C 114	18.2	0.3	25	1	BD204988	ACCESSION:BD204988	C 187	17.6	0.3	25	1	AX690255	ACCESSION:AX690255
C 115	18.2	0.3	25	1	158009	ACCESSION:158009	C 188	17.6	0.3	25	1	AX690256	ACCESSION:AX690256
C 116	18.2	0.3	25	1	196072	ACCESSION:196072	C 189	17.6	0.3	25	1	AX923328	ACCESSION:AX923328
C 117	18.2	0.3	25	1	AR288252	ACCESSION:AR288252	C 190	17.4	0.3	19	1	AR294112	ACCESSION:AR294112
C 118	18.2	0.3	25	1	AX500812	ACCESSION:AX500812	C 191	17.4	0.3	20	1	AR069073	ACCESSION:AR069073
C 119	18.2	0.3	25	1	AX500813	ACCESSION:AX500813	C 192	17.4	0.3	20	1	AR084583	ACCESSION:AR084583
C 120	18.2	0.3	26	1	A63569	ACCESSION:A63569	C 193	17.4	0.3	20	1	AR084604	ACCESSION:AR084604
C 121	18.2	0.3	26	1	AR137712	ACCESSION:AR137712	C 194	17.4	0.3	20	1	116926	ACCESSION:116926
C 122	18.2	0.3	26	1	AR174582	ACCESSION:AR174582	C 195	17.4	0.3	20	1	AR225072	ACCESSION:AR225072
C 123	18.2	0.3	26	1	BD192375	ACCESSION:BD192375	C 196	17.4	0.3	20	1	AX298806	ACCESSION:AX298806
C 124	18.2	0.3	26	1	BD248975	ACCESSION:BD248975	C 197	17.4	0.3	20	1	AX298828	ACCESSION:AX298828
C 125	18.2	0.3	26	1	CQ828164	ACCESSION:CQ828164	C 198	17.4	0.3	21	1	A64736	ACCESSION:A64736
C 126	18.2	0.3	26	1	179495	ACCESSION:179495	C 199	17.4	0.3	21	1	A64739	ACCESSION:A64739
C 127	18.2	0.3	26	1	AR279358	ACCESSION:AR279358	C 200	17.4	0.3	22	1	AX298724	ACCESSION:AX298724
C 128	18.2	0.3	26	1	AR374074	ACCESSION:AR374074	C 201	17.4	0.3	23	1	AS0109	ACCESSION:AS0109
C 129	18.2	0.3	26	1	AR404597	ACCESSION:AR404597	C 202	17.2	0.3	23	1	AR152585	ACCESSION:AR152585
C 130	18.2	0.3	26	1	AR456224	ACCESSION:AR456224	C 203	17.2	0.3	22	1	AR164336	ACCESSION:AR164336
C 131	18.2	0.3	26	1	AR456224	ACCESSION:AR456224	C 204	17.2	0.3	22	1	131828	ACCESSION:131828
C 132	18.2	0.3	26	1	AX427154	ACCESSION:AX427154	C 205	17.2	0.3	22	1	169425	ACCESSION:169425
C 133	18.2	0.3	26	1	AX528804	ACCESSION:AX528804	C 206	17.2	0.3	23	1	A45285	ACCESSION:A45285
C 134	18.2	0.3	26	1	BD007174	ACCESSION:BD007174	C 207	17.2	0.3	23	1	AR116265	ACCESSION:AR116265
C 135	18	0.3	18	1	AX530369	ACCESSION:AX530369	C 208	17.2	0.3	23	1	AX058583	ACCESSION:AX058583
C 136	18	0.3	18	1	AX530371	ACCESSION:AX530371	C 209	17.2	0.3	23	1	AX767321	ACCESSION:AX767321
C 137	17.8	0.3	21	1	A64735	ACCESSION:A64735	C 210	17.2	0.3	23	1	AX27891	ACCESSION:AX27891
C 138	17.8	0.3	21	1	A64738	ACCESSION:A64738	C 211	17.2	0.3	24	1	AX446262	ACCESSION:AX446262
C 139	17.8	0.3	21	1	AR361156	ACCESSION:AR361156	C 212	17.2	0.3	24	1	AX817782	ACCESSION:AX817782
C 140	17.8	0.3	22	1	AX104716	ACCESSION:AX104716	C 213	17.2	0.3	24	1	AX838369	ACCESSION:AX838369
C 141	17.8	0.3	22	1	AX547769	ACCESSION:AX547769	C 214	17.2	0.3	24	1	AX961630	ACCESSION:AX961630
C 142	17.8	0.3	24	1	AR026545	ACCESSION:AR026545	C 215	17.2	0.3	24	1	BD091564	ACCESSION:BD091564
C 143	17.8	0.3	24	1	AR026546	ACCESSION:AR026546	C 216	17.2	0.3	24	1	BD094760	ACCESSION:BD094760
C 144	17.8	0.3	24	1	AR026547	ACCESSION:AR026547	C 217	17.2	0.3	24	1	BD096302	ACCESSION:BD096302
C 145	17.8	0.3	24	1	AR026548	ACCESSION:AR026548	C 218	17	0.3	17	1	BD257668	ACCESSION:BD257668
C 146	17.8	0.3	24	1	AR128993	ACCESSION:AR128993	C 219	17	0.3	17	1	AX738070	ACCESSION:AX738070
C 147	17.8	0.3	24	1	AR128994	ACCESSION:AR128994	C 220	17	0.3	20	1	BD083992	ACCESSION:BD083992
C 148	17.8	0.3	24	1	AR128995	ACCESSION:AR128995	C 221	16.8	0.3	20	1	AR162405	ACCESSION:AR162405
C 149	17.8	0.3	24	1	AR128996	ACCESSION:AR128996	C 222	16.8	0.3	20	1	BD177127	ACCESSION:BD177127
C 150	17.8	0.3	24	1	AR202467	ACCESSION:AR202467	C 223	16.8	0.3	20	1	AR305124	ACCESSION:AR305124
C 151	17.8	0.3	24	1	AR202468	ACCESSION:AR202468	C 224	16.8	0.3	20	1	AR309228	ACCESSION:AR309228
C 152	17.8	0.3	24	1	AR202469	ACCESSION:AR202469	C 225	16.8	0.3	20	1	AR442550	ACCESSION:AR442550
C 153	17.8	0.3	24	1	AR202470	ACCESSION:AR202470	C 226	16.8	0.3	20	1	AX527818	ACCESSION:AX527818
C 154	17.8	0.3	24	1	AR202471	ACCESSION:AR202471	C 227	16.8	0.3	20	1	BD106035	ACCESSION:BD106035
C 155	17.8	0.3	24	1	AR202472	ACCESSION:AR202472	C 228	16.8	0.3	21	1	E36783	ACCESSION:E36783
C 156	17.6	0.3	24	1	AR168752	ACCESSION:AR168752	C 229	16.8	0.3	21	1	165307	ACCESSION:165307
C 157	17.6	0.3	24	1	AR205489	ACCESSION:AR205489	C 230	16.8	0.3	21	1	BD088657	ACCESSION:BD088657
C 158	17.6	0.3	24	1	AR31940	ACCESSION:AR31940	C 231	16.8	0.3	21	1	AB069296	ACCESSION:AB069296
C 159	17.6	0.3	24	1	AR431307	ACCESSION:AR431307	C 232	16.8	0.3	23	1	AR145806	ACCESSION:AR145806
C 160	17.6	0.3	24	1	AR431308	ACCESSION:AR431308	C 233	16.8	0.3	23	1	BD244863	ACCESSION:BD244863
C 161	17.6	0.3	24	1	AX076505	ACCESSION:AX076505	C 234	16.8	0.3	23	1	BD244865	ACCESSION:BD244865
C 162	17.6	0.3	24	1	AX361125	ACCESSION:AX361125	C 235	16.8	0.3	24	1	BD274420	ACCESSION:BD274420
C 163	17.6	0.3	24	1	AX952222	ACCESSION:AX952222	C 236	16.8	0.3	24	1	AX044437	ACCESSION:AX044437
C 164	17.6	0.3	24	1	AX961625	ACCESSION:AX961625	C 237	16.8	0.3	18	1	AR178167	ACCESSION:AR178167
C 165	17.6	0.3	24	1	AX961626	ACCESSION:AX961626	C 238	16.4	0.3	18	1	AR178168	ACCESSION:AR178168
C 166	17.6	0.3	24	1	AX961627	ACCESSION:AX961627	C 239	16.4	0.3	19	1	A65742	ACCESSION:A65742
C 167	17.6	0.3	24	1	BD144742	ACCESSION:BD144742	C 240	16.4	0.3	19	1	E54448	ACCESSION:E54448
C 168	17.6	0.3	25	1	AR137989	ACCESSION:AR137989	C 241	16.4	0.3	20	1	BD228445	ACCESSION:BD228445
C 169	17.6	0.3	25	1	CQ620091	ACCESSION:CQ620091	C 242	16.4	0.3	20	1	112665	ACCESSION:112665
C 170	17.6	0.3	25	1	CQ620092	ACCESSION:CQ620092	C 243	16.4	0.3	20	1	AR208766	ACCESSION:AR208766
C 171	17.6	0.3	25	1	CQ628209	ACCESSION:CQ628209	C 244	16.4	0.3	20	1	AR314310	ACCESSION:AR314310
C 172	17.6	0.3	25	1	CQ628210	ACCESSION:CQ628210	C 245	16.4	0.3	20	1	AR359670	ACCESSION:AR359670
C 173	17.6	0.3	25	1	CQ628550	ACCESSION:CQ628550	C 246	16.4	0.3	20	1	BD012433	ACCESSION:BD012433
C 174	17.6	0.3	25	1	CQ628552	ACCESSION:CQ628552	C 247	16.4	0.3	20	1	AX094931	ACCESSION:AX094931
C 175	17.6	0.3	25	1	129929	ACCESSION:129929	C 248	16.4	0.3	22	1	AX601193	ACCESSION:AX601193
C 176	17.6	0.3	25	1	AR434729	ACCESSION:AR434729	C 249	16.2	0.3	21	1	AR030359	ACCESSION:AR030359
C 177	17.6	0.3	25	1	AR434731	ACCESSION:AR434731	C 250	16.2	0.3	21	1	AR050998	ACCESSION:AR050998
C 178	17.6	0.3	25	1	AR461154	ACCESSION:AR461154	C 251	16.2	0.3	21	1	AR080294	ACCESSION:AR080294
C 179	17.6	0.3	25	1	AR461155	ACCESSION:AR461155	C 252	16.2	0.3	21	1	AR084521	ACCESSION:AR084521

C 253	16.2	0.3	21	1	AR084524	ACCESSION:AR084524	326	15.8	0.3	21	1	AR053160	ACCESSION:AR053160
C 254	16.2	0.3	21	1	AR093143	ACCESSION:AR093143	C 327	15.8	0.3	21	1	AR084539	ACCESSION:AR084539
C 255	16.2	0.3	21	1	AR095412	ACCESSION:AR095412	C 328	15.8	0.3	21	1	AR084551	ACCESSION:AR084551
C 256	16.2	0.3	21	1	AR153849	ACCESSION:AR153849	C 329	15.8	0.3	21	1	AR084571	ACCESSION:AR084571
C 257	16.2	0.3	21	1	BD224108	ACCESSION:BD224108	C 330	15.8	0.3	21	1	AR084577	ACCESSION:AR084577
C 258	16.2	0.3	21	1	163166	ACCESSION:163166	C 331	15.8	0.3	21	1	AR084580	ACCESSION:AR084580
C 259	16.2	0.3	21	1	165744	ACCESSION:165744	C 332	15.8	0.3	21	1	AR084598	ACCESSION:AR084598
C 260	16.2	0.3	21	1	AR228207	ACCESSION:AR228207	C 333	15.8	0.3	21	1	BD244490	ACCESSION:BD244490
C 261	16.2	0.3	21	1	AR241831	ACCESSION:AR241831	C 334	15.8	0.3	21	1	C0786139	ACCESSION:C0786139
C 262	16.2	0.3	21	1	AR298620	ACCESSION:AR298620	C 335	15.8	0.3	21	1	AR216894	ACCESSION:AR216894
C 263	16.2	0.3	21	1	AR307358	ACCESSION:AR307358	C 336	15.8	0.3	21	1	AR454921	ACCESSION:AR454921
C 264	16.2	0.3	21	1	AR322245	ACCESSION:AR322245	C 337	15.8	0.3	21	1	AX096033	ACCESSION:AX096033
C 265	16.2	0.3	21	1	AR452591	ACCESSION:AR452591	C 338	15.8	0.3	21	1	AX096543	ACCESSION:AX096543
C 266	16.2	0.3	21	1	AX104720	ACCESSION:AX104720	C 339	15.8	0.3	21	1	AX104588	ACCESSION:AX104588
C 267	16.2	0.3	21	1	AX108449	ACCESSION:AX108449	C 340	15.8	0.3	21	1	AX355212	ACCESSION:AX355212
C 268	16.2	0.3	21	1	AX108450	ACCESSION:AX108450	C 341	15.8	0.3	21	1	AX547641	ACCESSION:AX547641
C 269	16.2	0.3	21	1	AX355812	ACCESSION:AX355812	C 342	15.8	0.3	21	1	BD086363	ACCESSION:BD086363
C 270	16.2	0.3	21	1	AX384817	ACCESSION:AX384817	C 343	15.8	0.3	21	1	BD171392	ACCESSION:BD171392
C 271	16.2	0.3	21	1	AX547773	ACCESSION:AX547773	C 344	15.8	0.3	21	1	BD173626	ACCESSION:BD173626
C 272	16.2	0.3	21	1	AX825106	ACCESSION:AX825106	C 345	15.8	0.3	22	1	BD225845	ACCESSION:BD225845
C 273	16.2	0.3	21	1	AX825131	ACCESSION:AX825131	C 346	15.8	0.3	22	1	C0796631	ACCESSION:C0796631
C 274	16.2	0.3	21	1	AX825151	ACCESSION:AX825151	C 347	15.8	0.3	22	1	C0796632	ACCESSION:C0796632
C 275	16.2	0.3	21	1	AX825158	ACCESSION:AX825158	C 348	15.8	0.3	22	1	AX019594	ACCESSION:AX019594
C 276	16.2	0.3	21	1	AX825163	ACCESSION:AX825163	C 349	15.8	0.3	22	1	AX119631	ACCESSION:AX119631
C 277	16.2	0.3	21	1	AX825166	ACCESSION:AX825166	C 350	15.8	0.3	22	1	AX457060	ACCESSION:AX457060
C 278	16.2	0.3	21	1	BD070802	ACCESSION:BD070802	C 351	15.8	0.3	22	1	BD090082	ACCESSION:BD090082
C 279	16.2	0.3	21	1	BD080504	ACCESSION:BD080504	C 352	15.8	0.3	22	1	BD143963	ACCESSION:BD143963
C 280	16.2	0.3	21	1	BD080832	ACCESSION:BD080832	C 353	15.8	0.3	22	1	AB068797	ACCESSION:AB068797
C 281	16.2	0.3	21	1	BD087491	ACCESSION:BD087491	C 354	15.6	0.3	22	1	AB09098	ACCESSION:AB09098
C 282	16.2	0.3	22	1	136998	ACCESSION:136998	C 355	15.6	0.3	22	1	A95377	ACCESSION:A95377
C 283	16.2	0.3	22	1	193848	ACCESSION:193848	C 356	15.6	0.3	22	1	AR072362	ACCESSION:AR072362
C 284	16.2	0.3	22	1	AR198497	ACCESSION:AR198497	C 357	15.6	0.3	22	1	AR150675	ACCESSION:AR150675
C 285	16.2	0.3	22	1	AX815844	ACCESSION:AX815844	C 358	15.6	0.3	22	1	BD184666	ACCESSION:BD184666
C 286	16.2	0.3	22	1	AX926723	ACCESSION:AX926723	C 359	15.6	0.3	22	1	BD211103	ACCESSION:BD211103
C 287	16.2	0.3	23	1	C0788046	ACCESSION:C0788046	C 360	15.6	0.3	22	1	E16224	ACCESSION:E16224
C 288	16.2	0.3	23	1	AR256325	ACCESSION:AR256325	C 361	15.6	0.3	22	1	E27236	ACCESSION:E27236
C 289	16.2	0.3	23	1	AX003445	ACCESSION:AX003445	C 362	15.6	0.3	22	1	E28308	ACCESSION:E28308
C 290	16.2	0.3	23	1	BD078732	ACCESSION:BD078732	C 363	15.6	0.3	22	1	126473	ACCESSION:126473
C 291	16.2	0.3	23	1	BD087061	ACCESSION:BD087061	C 364	15.6	0.3	22	1	146450	ACCESSION:146450
C 292	16.2	0.3	16	1	A35651	ACCESSION:A35651	C 365	15.6	0.3	22	1	AR216883	ACCESSION:AR216883
C 293	16.2	0.3	16	1	A35684	ACCESSION:A35684	C 366	15.6	0.3	22	1	AX077117	ACCESSION:AX077117
C 294	16.2	0.3	17	1	BD257667	ACCESSION:BD257667	C 367	15.6	0.3	22	1	AX103869	ACCESSION:AX103869
C 295	16.2	0.3	17	1	BD257669	ACCESSION:BD257669	C 368	15.6	0.3	22	1	AX163844	ACCESSION:AX163844
C 296	16.2	0.3	18	1	AX599476	ACCESSION:AX599476	C 369	15.6	0.3	22	1	AX462792	ACCESSION:AX462792
C 297	16.2	0.3	21	1	AX094905	ACCESSION:AX094905	C 370	15.6	0.3	22	1	AX546922	ACCESSION:AX546922
C 298	16.2	0.3	21	1	AX153965	ACCESSION:AX153965	C 371	15.6	0.3	22	1	AX742813	ACCESSION:AX742813
C 299	15.8	0.3	19	1	AR074778	ACCESSION:AR074778	C 372	15.6	0.3	22	1	BD086352	ACCESSION:BD086352
C 300	15.8	0.3	19	1	E05744	ACCESSION:E05744	C 373	15.6	0.3	23	1	AR767321	ACCESSION:AR767321
C 301	15.8	0.3	20	1	AR088462	ACCESSION:AR088462	C 374	15.4	0.3	17	1	AR074706	ACCESSION:AR074706
C 302	15.8	0.3	20	1	AR095585	ACCESSION:AR095585	C 375	15.4	0.3	17	1	AR074707	ACCESSION:AR074707
C 303	15.8	0.3	20	1	AR117573	ACCESSION:AR117573	C 376	15.4	0.3	17	1	AR074708	ACCESSION:AR074708
C 304	15.8	0.3	20	1	AR117754	ACCESSION:AR117754	C 377	15.4	0.3	17	1	AR074709	ACCESSION:AR074709
C 305	15.8	0.3	20	1	BD176424	ACCESSION:BD176424	C 378	15.4	0.3	17	1	E12897	ACCESSION:E12897
C 306	15.8	0.3	20	1	BD224927	ACCESSION:BD224927	C 379	15.4	0.3	17	1	AR329529	ACCESSION:AR329529
C 307	15.8	0.3	20	1	BD244919	ACCESSION:BD244919	C 380	15.4	0.3	17	1	AX272939	ACCESSION:AX272939
C 308	15.8	0.3	20	1	BD250309	ACCESSION:BD250309	C 381	15.4	0.3	17	1	AX732163	ACCESSION:AX732163
C 309	15.8	0.3	20	1	C0764305	ACCESSION:C0764305	C 382	15.4	0.3	17	1	AX738728	ACCESSION:AX738728
C 310	15.8	0.3	20	1	C0764770	ACCESSION:C0764770	C 383	15.4	0.3	17	1	AX762380	ACCESSION:AX762380
C 311	15.8	0.3	20	1	E12423	ACCESSION:E12423	C 384	15.4	0.3	18	1	AR069211	ACCESSION:AR069211
C 312	15.8	0.3	20	1	AR211149	ACCESSION:AR211149	C 385	15.4	0.3	18	1	AR099375	ACCESSION:AR099375
C 313	15.8	0.3	20	1	AR228858	ACCESSION:AR228858	C 386	15.4	0.3	18	1	BD073578	ACCESSION:BD073578
C 314	15.8	0.3	20	1	AR366676	ACCESSION:AR366676	C 387	15.4	0.3	18	1	E04839	ACCESSION:E04839
C 315	15.8	0.3	20	1	AR366676	ACCESSION:AR366676	C 388	15.4	0.3	18	1	E04839	ACCESSION:E04839
C 316	15.8	0.3	20	1	AX053082	ACCESSION:AX053082	C 389	15.4	0.3	18	1	AR181576	ACCESSION:AR181576
C 317	15.8	0.3	20	1	AX053091	ACCESSION:AX053091	C 390	15.4	0.3	18	1	AR181576	ACCESSION:AR181576
C 318	15.8	0.3	20	1	AX293583	ACCESSION:AX293583	C 391	15.4	0.3	18	1	AR181667	ACCESSION:AR181667
C 319	15.8	0.3	20	1	AX294955	ACCESSION:AX294955	C 392	15.4	0.3	18	1	AR208065	ACCESSION:AR208065
C 320	15.8	0.3	20	1	AX495922	ACCESSION:AX495922	C 393	15.4	0.3	18	1	AR295480	ACCESSION:AR295480
C 321	15.8	0.3	20	1	AX546302	ACCESSION:AX546302	C 394	15.4	0.3	18	1	AR299766	ACCESSION:AR299766
C 322	15.8	0.3	20	1	AX546392	ACCESSION:AX546392	C 395	15.4	0.3	18	1	AX297704	ACCESSION:AX297704
C 323	15.8	0.3	20	1	AX594032	ACCESSION:AX594032	C 396	15.4	0.3	18	1	AX297719	ACCESSION:AX297719
C 324	15.8	0.3	20	1	AX753239	ACCESSION:AX753239	C 397	15.4	0.3	18	1	AX530373	ACCESSION:AX530373
C 325	15.8	0.3	20	1	AX961677	ACCESSION:AX961677	C 398	15.4	0.3	18	1	BD078665	ACCESSION:BD078665
C 326	15.8	0.3	20	1	BD090346	ACCESSION:BD090346							

C 399	15.4	0.3	19	1	E12683	ACCESSION:E12683	C 472	15.2	0.3	20	1	CQ764249	ACCESSION:CQ764249
C 400	15.4	0.3	19	1	I26166	ACCESSION:I26166	C 473	15.2	0.3	20	1	CQ784128	ACCESSION:CQ784128
C 401	15.4	0.3	19	1	186409	ACCESSION:186409	C 474	15.2	0.3	20	1	CQ784129	ACCESSION:CQ784129
C 402	15.4	0.3	19	1	AR268328	ACCESSION:AR268328	C 475	15.2	0.3	20	1	CQ826892	ACCESSION:CQ826892
C 403	15.4	0.3	19	1	AR268329	ACCESSION:AR268329	C 476	15.2	0.3	20	1	E04579	ACCESSION:E04579
C 404	15.4	0.3	19	1	AX132670	ACCESSION:AX132670	C 477	15.2	0.3	20	1	E12676	ACCESSION:E12676
C 405	15.4	0.3	19	1	AX810947	ACCESSION:AX810947	C 478	15.2	0.3	20	1	E32534	ACCESSION:E32534
C 406	15.4	0.3	20	1	AR146267	ACCESSION:AR146267	C 479	15.2	0.3	20	1	I36180	ACCESSION:I36180
C 407	15.4	0.3	20	1	AR162488	ACCESSION:AR162488	C 480	15.2	0.3	20	1	AR211367	ACCESSION:AR211367
C 408	15.4	0.3	20	1	CQ771690	ACCESSION:CQ771690	C 481	15.2	0.3	20	1	AR212113	ACCESSION:AR212113
C 409	15.4	0.3	20	1	E38857	ACCESSION:E38857	C 482	15.2	0.3	20	1	AR212968	ACCESSION:AR212968
C 410	15.4	0.3	20	1	I31143	ACCESSION:I31143	C 483	15.2	0.3	20	1	AR213738	ACCESSION:AR213738
C 411	15.4	0.3	20	1	AR274857	ACCESSION:AR274857	C 484	15.2	0.3	20	1	AR216079	ACCESSION:AR216079
C 412	15.4	0.3	20	1	AR312087	ACCESSION:AR312087	C 485	15.2	0.3	20	1	AR222466	ACCESSION:AR222466
C 413	15.4	0.3	20	1	AR392141	ACCESSION:AR392141	C 486	15.2	0.3	20	1	AR236083	ACCESSION:AR236083
C 414	15.4	0.3	20	1	AR409519	ACCESSION:AR409519	C 487	15.2	0.3	20	1	AR274394	ACCESSION:AR274394
C 415	15.4	0.3	20	1	AX053083	ACCESSION:AX053083	C 488	15.2	0.3	20	1	AR313765	ACCESSION:AR313765
C 416	15.4	0.3	20	1	AX053092	ACCESSION:AX053092	C 489	15.2	0.3	20	1	AR314996	ACCESSION:AR314996
C 417	15.4	0.3	20	1	AX067205	ACCESSION:AX067205	C 490	15.2	0.3	20	1	AR343047	ACCESSION:AR343047
C 418	15.4	0.3	20	1	AX081478	ACCESSION:AX081478	C 491	15.2	0.3	20	1	AR344936	ACCESSION:AR344936
C 419	15.4	0.3	20	1	AX462762	ACCESSION:AX462762	C 492	15.2	0.3	20	1	AR365970	ACCESSION:AR365970
C 420	15.4	0.3	20	1	AX546303	ACCESSION:AX546303	C 493	15.2	0.3	20	1	AR382312	ACCESSION:AR382312
C 421	15.4	0.3	20	1	AX546393	ACCESSION:AX546393	C 494	15.2	0.3	20	1	AR397487	ACCESSION:AR397487
C 422	15.4	0.3	20	1	BD082203	ACCESSION:BD082203	C 495	15.2	0.3	20	1	AR429653	ACCESSION:AR429653
C 423	15.4	0.3	21	1	AR001399	ACCESSION:AR001399	C 496	15.2	0.3	20	1	AR442609	ACCESSION:AR442609
C 424	15.4	0.3	21	1	AR067379	ACCESSION:AR067379	C 497	15.2	0.3	20	1	AR447441	ACCESSION:AR447441
C 425	15.4	0.3	21	1	AR078988	ACCESSION:AR078988	C 498	15.2	0.3	20	1	AR451990	ACCESSION:AR451990
C 426	15.4	0.3	21	1	AR085230	ACCESSION:AR085230	C 499	15.2	0.3	20	1	AR454776	ACCESSION:AR454776
C 427	15.4	0.3	21	1	AR103532	ACCESSION:AR103532	C 500	15.2	0.3	20	1	AR489044	ACCESSION:AR489044
C 428	15.4	0.3	21	1	AR138150	ACCESSION:AR138150	C 501	15.2	0.3	20	1	AR492696	ACCESSION:AR492696
C 429	15.4	0.3	21	1	AR148280	ACCESSION:AR148280	C 502	15.2	0.3	20	1	AR492729	ACCESSION:AR492729
C 430	15.4	0.3	21	1	BD232905	ACCESSION:BD232905	C 503	15.2	0.3	20	1	AR494116	ACCESSION:AR494116
C 431	15.4	0.3	21	1	BD233405	ACCESSION:BD233405	C 504	15.2	0.3	20	1	AR494728	ACCESSION:AR494728
C 432	15.4	0.3	21	1	CQ786140	ACCESSION:CQ786140	C 505	15.2	0.3	20	1	AX004876	ACCESSION:AX004876
C 433	15.4	0.3	21	1	AR194277	ACCESSION:AR194277	C 506	15.2	0.3	20	1	AX026213	ACCESSION:AX026213
C 434	15.4	0.3	21	1	AR299824	ACCESSION:AR299824	C 507	15.2	0.3	20	1	AX045779	ACCESSION:AX045779
C 435	15.4	0.3	21	1	AR317440	ACCESSION:AR317440	C 508	15.2	0.3	20	1	AX045787	ACCESSION:AX045787
C 436	15.4	0.3	21	1	AR359811	ACCESSION:AR359811	C 509	15.2	0.3	20	1	AX045790	ACCESSION:AX045790
C 437	15.4	0.3	21	1	AX007459	ACCESSION:AX007459	C 510	15.2	0.3	20	1	AX104034	ACCESSION:AX104034
C 438	15.4	0.3	21	1	AX007959	ACCESSION:AX007959	C 511	15.2	0.3	20	1	AX104364	ACCESSION:AX104364
C 439	15.4	0.3	21	1	AX058646	ACCESSION:AX058646	C 512	15.2	0.3	20	1	AX104368	ACCESSION:AX104368
C 440	15.4	0.3	21	1	AX214491	ACCESSION:AX214491	C 513	15.2	0.3	20	1	AX104580	ACCESSION:AX104580
C 441	15.4	0.3	21	1	AX956632	ACCESSION:AX956632	C 514	15.2	0.3	20	1	AX115662	ACCESSION:AX115662
C 442	15.4	0.3	21	1	BD129762	ACCESSION:BD129762	C 515	15.2	0.3	20	1	AX135957	ACCESSION:AX135957
C 443	15.4	0.3	22	1	AR066407	ACCESSION:AR066407	C 516	15.2	0.3	20	1	AX136903	ACCESSION:AX136903
C 444	15.4	0.3	22	1	CQ796440	ACCESSION:CQ796440	C 517	15.2	0.3	20	1	AX167868	ACCESSION:AX167868
C 445	15.4	0.3	22	1	AX583623	ACCESSION:AX583623	C 518	15.2	0.3	20	1	AX196224	ACCESSION:AX196224
C 446	15.4	0.3	22	1	AX745979	ACCESSION:AX745979	C 519	15.2	0.3	20	1	AX196239	ACCESSION:AX196239
C 447	15.4	0.3	22	1	AX952119	ACCESSION:AX952119	C 520	15.2	0.3	20	1	AX296080	ACCESSION:AX296080
C 448	15.2	0.3	20	1	AB005884	ACCESSION:AB005884	C 521	15.2	0.3	20	1	AX354974	ACCESSION:AX354974
C 449	15.2	0.3	20	1	A73034	ACCESSION:A73034	C 522	15.2	0.3	20	1	AX355573	ACCESSION:AX355573
C 450	15.2	0.3	20	1	A73126	ACCESSION:A73126	C 523	15.2	0.3	20	1	AX355810	ACCESSION:AX355810
C 451	15.2	0.3	20	1	AR023992	ACCESSION:AR023992	C 524	15.2	0.3	20	1	AX355811	ACCESSION:AX355811
C 452	15.2	0.3	20	1	AR064875	ACCESSION:AR064875	C 525	15.2	0.3	20	1	AX440125	ACCESSION:AX440125
C 453	15.2	0.3	20	1	AR080000	ACCESSION:AR080000	C 526	15.2	0.3	20	1	AX440140	ACCESSION:AX440140
C 454	15.2	0.3	20	1	AR085559	ACCESSION:AR085559	C 527	15.2	0.3	20	1	AX465311	ACCESSION:AX465311
C 455	15.2	0.3	20	1	AR085926	ACCESSION:AR085926	C 528	15.2	0.3	20	1	AX465326	ACCESSION:AX465326
C 456	15.2	0.3	20	1	AR087520	ACCESSION:AR087520	C 529	15.2	0.3	20	1	AX487450	ACCESSION:AX487450
C 457	15.2	0.3	20	1	AR093312	ACCESSION:AR093312	C 530	15.2	0.3	20	1	AX512820	ACCESSION:AX512820
C 458	15.2	0.3	20	1	AR118958	ACCESSION:AR118958	C 531	15.2	0.3	20	1	AX527802	ACCESSION:AX527802
C 459	15.2	0.3	20	1	AR118970	ACCESSION:AR118970	C 532	15.2	0.3	20	1	AX547087	ACCESSION:AX547087
C 460	15.2	0.3	20	1	AR121692	ACCESSION:AR121692	C 533	15.2	0.3	20	1	AX547417	ACCESSION:AX547417
C 461	15.2	0.3	20	1	AR123335	ACCESSION:AR123335	C 534	15.2	0.3	20	1	AX547421	ACCESSION:AX547421
C 462	15.2	0.3	20	1	AR126930	ACCESSION:AR126930	C 535	15.2	0.3	20	1	AX547633	ACCESSION:AX547633
C 463	15.2	0.3	20	1	AR141070	ACCESSION:AR141070	C 536	15.2	0.3	20	1	AX556124	ACCESSION:AX556124
C 464	15.2	0.3	20	1	AR154115	ACCESSION:AR154115	C 537	15.2	0.3	20	1	AX556139	ACCESSION:AX556139
C 465	15.2	0.3	20	1	AR164658	ACCESSION:AR164658	C 538	15.2	0.3	20	1	AX557099	ACCESSION:AX557099
C 466	15.2	0.3	20	1	BD182662	ACCESSION:BD182662	C 539	15.2	0.3	20	1	AX613434	ACCESSION:AX613434
C 467	15.2	0.3	20	1	BD218101	ACCESSION:BD218101	C 540	15.2	0.3	20	1	AX664307	ACCESSION:AX664307
C 468	15.2	0.3	20	1	BD225270	ACCESSION:BD225270	C 541	15.2	0.3	20	1	AX664308	ACCESSION:AX664308
C 469	15.2	0.3	20	1	CQ761462	ACCESSION:CQ761462	C 542	15.2	0.3	20	1	AX741040	ACCESSION:AX741040
C 470	15.2	0.3	20	1	CQ762439	ACCESSION:CQ762439	C 543	15.2	0.3	20	1	AX741052	ACCESSION:AX741052
C 471	15.2	0.3	20	1	CQ763876	ACCESSION:CQ763876	C 544	15.2	0.3	20	1	AX812131	ACCESSION:AX812131

545	15.2	0.3	20	1	BD008523	ACCESSION:BD008523	C 618	15	0.3	21	1	AX146081	ACCESSION:AX146081
C 546	15.2	0.3	20	1	BD008522	ACCESSION:BD008522	C 619	14.8	0.3	18	1	A57775	ACCESSION:A57775
C 547	15.2	0.3	20	1	BD107450	ACCESSION:BD107450	C 620	14.8	0.3	18	1	AR040105	ACCESSION:AR040105
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550	15.2	0.3	20	1	BD138642	ACCESSION:BD138642	C 623	14.8	0.3	18	1	AR048585	ACCESSION:AR048585
C 551	15.2	0.3	20	1	ATH529437	ACCESSION:ATH529437	624	14.8	0.3	18	1	AR062892	ACCESSION:AR062892
C 552	15.2	0.3	21	1	AR014600	ACCESSION:AR014600	625	14.8	0.3	18	1	AR076416	ACCESSION:AR076416
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C 555	15.2	0.3	21	1	AR163473	ACCESSION:AR163473	C 628	14.8	0.3	18	1	AR098327	ACCESSION:AR098327
556	15.2	0.3	21	1	CQ798162	ACCESSION:CQ798162	629	14.8	0.3	18	1	AR128932	ACCESSION:AR128932
557	15.2	0.3	21	1	126729	ACCESSION:126729	C 630	14.8	0.3	18	1	BD250549	ACCESSION:BD250549
C 558	15.2	0.3	21	1	AR235402	ACCESSION:AR235402	C 631	14.8	0.3	18	1	BD250804	ACCESSION:BD250804
C 559	15.2	0.3	21	1	AR298357	ACCESSION:AR298357	C 632	14.8	0.3	18	1	136664	ACCESSION:136664
C 560	15.2	0.3	21	1	AR353834	ACCESSION:AR353834	C 633	14.8	0.3	18	1	154512	ACCESSION:154512
561	15.2	0.3	21	1	AX15664	ACCESSION:AX15664	C 634	14.8	0.3	18	1	AR221296	ACCESSION:AR221296
C 562	15.2	0.3	21	1	AX179338	ACCESSION:AX179338	635	14.8	0.3	18	1	AR268896	ACCESSION:AR268896
C 563	15.2	0.3	21	1	AX179339	ACCESSION:AX179339	636	14.8	0.3	18	1	AR293710	ACCESSION:AR293710
564	15.2	0.3	21	1	AX203621	ACCESSION:AX203621	C 637	14.8	0.3	18	1	AR294364	ACCESSION:AR294364
C 565	15.2	0.3	21	1	AX284109	ACCESSION:AX284109	638	14.8	0.3	18	1	AX078827	ACCESSION:AX078827
C 566	15.2	0.3	21	1	AX358619	ACCESSION:AX358619	639	14.8	0.3	18	1	AX078857	ACCESSION:AX078857
567	15.2	0.3	21	1	AX418290	ACCESSION:AX418290	C 640	14.8	0.3	18	1	AX530375	ACCESSION:AX530375
568	15.2	0.3	21	1	AX449788	ACCESSION:AX449788	C 641	14.8	0.3	18	1	AX598368	ACCESSION:AX598368
569	15.2	0.3	21	1	AX452347	ACCESSION:AX452347	C 642	14.8	0.3	18	1	AX797874	ACCESSION:AX797874
570	15.2	0.3	21	1	AX717124	ACCESSION:AX717124	643	14.8	0.3	18	1	AX797883	ACCESSION:AX797883
571	15.2	0.3	21	1	AX768037	ACCESSION:AX768037	644	14.8	0.3	18	1	AX809686	ACCESSION:AX809686
C 572	15.2	0.3	21	1	AX825103	ACCESSION:AX825103	645	14.8	0.3	18	1	AX809695	ACCESSION:AX809695
C 573	15.2	0.3	21	1	AX825104	ACCESSION:AX825104	646	14.8	0.3	18	1	BD073241	ACCESSION:BD073241
C 574	15.2	0.3	21	1	AX825105	ACCESSION:AX825105	C 647	14.8	0.3	18	1	BD088360	ACCESSION:BD088360
C 575	15.2	0.3	21	1	AX825118	ACCESSION:AX825118	C 648	14.8	0.3	18	1	AB067907	ACCESSION:AB067907
C 576	15.2	0.3	21	1	AX825132	ACCESSION:AX825132	C 649	14.8	0.3	18	1	AR074770	ACCESSION:AR074770
C 577	15.2	0.3	21	1	AX825133	ACCESSION:AX825133	650	14.8	0.3	19	1	BD175454	ACCESSION:BD175454
C 578	15.2	0.3	21	1	AX825134	ACCESSION:AX825134	C 651	14.8	0.3	19	1	CQ759005	ACCESSION:CQ759005
C 579	15.2	0.3	21	1	AX825152	ACCESSION:AX825152	C 652	14.8	0.3	19	1	CQ796060	ACCESSION:CQ796060
C 580	15.2	0.3	21	1	AX825153	ACCESSION:AX825153	C 653	14.8	0.3	19	1	CQ800912	ACCESSION:CQ800912
C 581	15.2	0.3	21	1	AX825154	ACCESSION:AX825154	654	14.8	0.3	19	1	E40068	ACCESSION:E40068
C 582	15.2	0.3	21	1	AX825155	ACCESSION:AX825155	C 655	14.8	0.3	19	1	E40069	ACCESSION:E40069
C 583	15.2	0.3	21	1	AX825156	ACCESSION:AX825156	656	14.8	0.3	19	1	E40876	ACCESSION:E40876
C 584	15.2	0.3	21	1	AX825157	ACCESSION:AX825157	C 657	14.8	0.3	19	1	E40877	ACCESSION:E40877
C 585	15.2	0.3	21	1	AX825164	ACCESSION:AX825164	658	14.8	0.3	19	1	E43422	ACCESSION:E43422
C 586	15.2	0.3	21	1	AX825165	ACCESSION:AX825165	C 659	14.8	0.3	19	1	E43423	ACCESSION:E43423
C 587	15.2	0.3	21	1	BD010392	ACCESSION:BD010392	660	14.8	0.3	19	1	AR233774	ACCESSION:AR233774
C 588	15.2	0.3	21	1	BD089907	ACCESSION:BD089907	661	14.8	0.3	19	1	AR410833	ACCESSION:AR410833
C 589	15.2	0.3	21	1	BD144906	ACCESSION:BD144906	662	14.8	0.3	19	1	AR439197	ACCESSION:AR439197
C 590	15.2	0.3	39	1	AX530368	ACCESSION:AX530368	663	14.8	0.3	19	1	AR444868	ACCESSION:AR444868
C 591	15	0.3	17	1	BD257666	ACCESSION:BD257666	664	14.8	0.3	19	1	AR473217	ACCESSION:AR473217
592	15	0.3	17	1	CQ622025	ACCESSION:CQ622025	C 665	14.8	0.3	19	1	AX252279	ACCESSION:AX252279
593	15	0.3	17	1	CQ622026	ACCESSION:CQ622026	C 666	14.8	0.3	19	1	AX259212	ACCESSION:AX259212
594	15	0.3	17	1	CQ622027	ACCESSION:CQ622027	667	14.8	0.3	19	1	AX326952	ACCESSION:AX326952
595	15	0.3	17	1	AR463308	ACCESSION:AR463308	C 668	14.8	0.3	19	1	AX329290	ACCESSION:AX329290
596	15	0.3	17	1	AR463308	ACCESSION:AR463308	C 669	14.8	0.3	19	1	AX440559	ACCESSION:AX440559
597	15	0.3	17	1	AR463309	ACCESSION:AR463309	670	14.8	0.3	19	1	AX469765	ACCESSION:AX469765
C 598	15	0.3	17	1	AR463309	ACCESSION:AR463309	671	14.8	0.3	19	1	AX698543	ACCESSION:AX698543
C 599	15	0.3	17	1	AX736471	ACCESSION:AX736471	672	14.8	0.3	19	1	AX769415	ACCESSION:AX769415
C 600	15	0.3	18	1	AR105021	ACCESSION:AR105021	C 673	14.8	0.3	19	1	AX804055	ACCESSION:AX804055
C 601	15	0.3	19	1	AR295566	ACCESSION:AR295566	C 674	14.8	0.3	19	1	AX814090	ACCESSION:AX814090
C 602	15	0.3	20	1	AR072469	ACCESSION:AR072469	C 675	14.8	0.3	19	1	AX816309	ACCESSION:AX816309
C 603	15	0.3	20	1	BD211114	ACCESSION:BD211114	676	14.8	0.3	19	1	BD075603	ACCESSION:BD075603
C 604	15	0.3	20	1	CQ816485	ACCESSION:CQ816485	677	14.8	0.3	19	1	BD090605	ACCESSION:BD090605
C 605	15	0.3	20	1	CQ817214	ACCESSION:CQ817214	C 678	14.8	0.3	19	1	BD090606	ACCESSION:BD090606
C 606	15	0.3	20	1	CQ818322	ACCESSION:CQ818322	679	14.8	0.3	19	1	BD090714	ACCESSION:BD090714
C 607	15	0.3	20	1	AR219165	ACCESSION:AR219165	C 680	14.8	0.3	19	1	BD090715	ACCESSION:BD090715
C 608	15	0.3	20	1	AR224591	ACCESSION:AR224591	C 681	14.8	0.3	19	1	BD095044	ACCESSION:BD095044
C 609	15	0.3	20	1	AR338046	ACCESSION:AR338046	C 682	14.8	0.3	19	1	BD102452	ACCESSION:BD102452
610	15	0.3	21	1	AR008503	ACCESSION:AR008503	C 683	14.8	0.3	19	1	BD102682	ACCESSION:BD102682
611	15	0.3	21	1	AR049953	ACCESSION:AR049953	684	14.8	0.3	19	1	BD172463	ACCESSION:BD172463
612	15	0.3	21	1	AR099639	ACCESSION:AR099639	685	14.8	0.3	19	1	BD172782	ACCESSION:BD172782
613	15	0.3	21	1	134533	ACCESSION:134533	686	14.8	0.3	19	1	BD173101	ACCESSION:BD173101
614	15	0.3	21	1	134533	ACCESSION:134533	687	14.8	0.3	19	1	BD173420	ACCESSION:BD173420
615	15	0.3	21	1	139803	ACCESSION:139803	688	14.8	0.3	20	1	BOVINB14	ACCESSION:BOVINB14
616	15	0.3	21	1	AR409131	ACCESSION:AR409131	689	14.8	0.3	20	1	SSA0777	ACCESSION:SSA0777
617	15	0.3	21	1	AX095786	ACCESSION:AX095786	690	14.8	0.3	20	1	AR008036	ACCESSION:AR008036

C 691	14.8	0.3	20	1	AR087471	ACCESSION:AR087471	C 764	14.8	0.3	20	1	AX804995	ACCESSION:AX804995
C 692	14.8	0.3	20	1	AR100348	ACCESSION:AR100348	765	14.8	0.3	20	1	AX962802	ACCESSION:AX962802
C 693	14.8	0.3	20	1	AR100660	ACCESSION:AR100660	766	14.8	0.3	20	1	BD007716	ACCESSION:BD007716
C 694	14.8	0.3	20	1	AR122520	ACCESSION:AR122520	767	14.8	0.3	20	1	BD075550	ACCESSION:BD075550
C 695	14.8	0.3	20	1	AR125581	ACCESSION:AR125581	C 768	14.8	0.3	20	1	BD090153	ACCESSION:BD090153
C 696	14.8	0.3	20	1	AR129759	ACCESSION:AR129759	769	14.8	0.3	20	1	BD106301	ACCESSION:BD106301
C 697	14.8	0.3	20	1	AR150003	ACCESSION:AR150003	770	14.8	0.3	20	1	BD141118	ACCESSION:BD141118
C 698	14.8	0.3	20	1	AR150230	ACCESSION:AR150230	771	14.8	0.3	20	1	BD170376	ACCESSION:BD170376
C 699	14.8	0.3	20	1	AR154577	ACCESSION:AR154577	772	14.8	0.3	20	1	BD172410	ACCESSION:BD172410
C 700	14.8	0.3	20	1	AR174560	ACCESSION:AR174560	773	14.8	0.3	20	1	BD172729	ACCESSION:BD172729
C 701	14.8	0.3	20	1	BD175401	ACCESSION:BD175401	774	14.8	0.3	20	1	BD173048	ACCESSION:BD173048
C 702	14.8	0.3	20	1	BD176231	ACCESSION:BD176231	775	14.8	0.3	20	1	BD173367	ACCESSION:BD173367
C 703	14.8	0.3	20	1	BD176866	ACCESSION:BD176866	776	14.8	0.3	21	1	AR173367	ACCESSION:BD173367
C 704	14.8	0.3	20	1	BD178721	ACCESSION:BD178721	C 777	14.8	0.3	21	1	AR129449	ACCESSION:AR129449
C 705	14.8	0.3	20	1	BD184614	ACCESSION:BD184614	C 778	14.8	0.3	21	1	AR129450	ACCESSION:AR129450
C 706	14.8	0.3	20	1	BD196314	ACCESSION:BD196314	C 779	14.8	0.3	21	1	AR164117	ACCESSION:AR164117
C 707	14.8	0.3	20	1	BD2237876	ACCESSION:BD2237876	779	14.8	0.3	21	1	AR176587	ACCESSION:AR176587
C 708	14.8	0.3	20	1	BD228103	ACCESSION:BD228103	781	14.8	0.3	21	1	BD188747	ACCESSION:BD188747
C 709	14.8	0.3	20	1	BD228462	ACCESSION:BD228462	C 782	14.8	0.3	21	1	CQ787004	ACCESSION:CQ787004
C 710	14.8	0.3	20	1	BD237579	ACCESSION:BD237579	C 783	14.8	0.3	21	1	CQ821188	ACCESSION:CQ821188
C 711	14.8	0.3	20	1	BD237581	ACCESSION:BD237581	C 784	14.8	0.3	21	1	AR298945	ACCESSION:AR298945
C 712	14.8	0.3	20	1	BD243776	ACCESSION:BD243776	C 785	14.8	0.3	21	1	AR342726	ACCESSION:AR342726
C 713	14.8	0.3	20	1	BD248953	ACCESSION:BD248953	C 786	14.8	0.3	21	1	AX032999	ACCESSION:AX032999
C 714	14.8	0.3	20	1	CQ764208	ACCESSION:CQ764208	786	14.8	0.3	21	1	AX047392	ACCESSION:AX047392
C 715	14.8	0.3	20	1	CQ764275	ACCESSION:CQ764275	C 787	14.8	0.3	21	1	AX094980	ACCESSION:AX094980
C 716	14.8	0.3	20	1	CQ814612	ACCESSION:CQ814612	C 788	14.8	0.3	21	1	AX095011	ACCESSION:AX095011
C 717	14.8	0.3	20	1	CQ814713	ACCESSION:CQ814713	C 789	14.8	0.3	21	1	AX095138	ACCESSION:AX095138
C 718	14.8	0.3	20	1	CQ830063	ACCESSION:CQ830063	C 790	14.8	0.3	21	1	AX095444	ACCESSION:AX095444
C 719	14.8	0.3	20	1	CQ830067	ACCESSION:CQ830067	C 791	14.8	0.3	21	1	AX096769	ACCESSION:AX096769
C 720	14.8	0.3	20	1	CQ830069	ACCESSION:CQ830069	C 792	14.8	0.3	21	1	AX097013	ACCESSION:AX097013
C 721	14.8	0.3	20	1	112660	ACCESSION:112660	C 793	14.8	0.3	21	1	AX097119	ACCESSION:AX097119
C 722	14.8	0.3	20	1	112661	ACCESSION:112661	C 794	14.8	0.3	21	1	AX354512	ACCESSION:AX354512
C 723	14.8	0.3	20	1	112662	ACCESSION:112662	C 795	14.8	0.3	21	1	AX513749	ACCESSION:AX513749
C 724	14.8	0.3	20	1	112664	ACCESSION:112664	C 796	14.8	0.3	21	1	AX644916	ACCESSION:AX644916
C 725	14.8	0.3	20	1	122388	ACCESSION:122388	797	14.8	0.3	21	1	AX797922	ACCESSION:AX797922
C 726	14.8	0.3	20	1	AR181732	ACCESSION:AR181732	798	14.8	0.3	21	1	AX804385	ACCESSION:AX804385
C 727	14.8	0.3	20	1	AR221415	ACCESSION:AR221415	C 799	14.8	0.3	21	1	AX804921	ACCESSION:AX804921
C 728	14.8	0.3	20	1	AR225903	ACCESSION:AR225903	C 800	14.8	0.3	21	1	ATH525863	ACCESSION:ATH525863
C 729	14.8	0.3	20	1	AR241702	ACCESSION:AR241702	C 801	14.8	0.3	21	1	DOGPND	ACCESSION:117736
C 730	14.8	0.3	20	1	AR304022	ACCESSION:AR304022	C 802	14.8	0.3	30	1	AX530370	ACCESSION:AX530370
C 731	14.8	0.3	20	1	AR305390	ACCESSION:AR305390	C 803	14.4	0.3	16	1	AI2055	ACCESSION:AI2055
C 732	14.8	0.3	20	1	AR309494	ACCESSION:AR309494	C 804	14.4	0.3	16	1	AI2056	ACCESSION:AI2056
C 733	14.8	0.3	20	1	AR310965	ACCESSION:AR310965	C 805	14.4	0.3	16	1	AR042880	ACCESSION:AR042880
C 734	14.8	0.3	20	1	AR312104	ACCESSION:AR312104	C 806	14.4	0.3	16	1	AR106504	ACCESSION:AR106504
C 735	14.8	0.3	20	1	AR342887	ACCESSION:AR342887	C 807	14.4	0.3	16	1	AR148152	ACCESSION:AR148152
C 736	14.8	0.3	20	1	AR359687	ACCESSION:AR359687	C 808	14.4	0.3	16	1	CQ806788	ACCESSION:CQ806788
C 737	14.8	0.3	20	1	AR371268	ACCESSION:AR371268	C 809	14.4	0.3	16	1	CQ808268	ACCESSION:CQ808268
C 738	14.8	0.3	20	1	AR374052	ACCESSION:AR374052	C 810	14.4	0.3	16	1	AR194732	ACCESSION:AR194732
C 739	14.8	0.3	20	1	AR410779	ACCESSION:AR410779	C 811	14.4	0.3	16	1	AR256817	ACCESSION:AR256817
C 740	14.8	0.3	20	1	AR439143	ACCESSION:AR439143	C 812	14.4	0.3	16	1	BD187272	ACCESSION:BD187272
C 741	14.8	0.3	20	1	AR456202	ACCESSION:AR456202	C 813	14.4	0.3	17	1	BD199167	ACCESSION:BD199167
C 742	14.8	0.3	20	1	AR473163	ACCESSION:AR473163	C 814	14.4	0.3	17	1	BD257705	ACCESSION:BD257705
C 743	14.8	0.3	20	1	AR475097	ACCESSION:AR475097	C 815	14.4	0.3	17	1	BD257705	ACCESSION:BD257705
C 744	14.8	0.3	20	1	AR475099	ACCESSION:AR475099	C 816	14.4	0.3	17	1	BD258334	ACCESSION:BD258334
C 745	14.8	0.3	20	1	AR489489	ACCESSION:AR489489	C 817	14.4	0.3	17	1	CQ617152	ACCESSION:CQ617152
C 746	14.8	0.3	20	1	AR491100	ACCESSION:AR491100	C 818	14.4	0.3	17	1	CQ617153	ACCESSION:CQ617153
C 747	14.8	0.3	20	1	AR491100	ACCESSION:AR491100	C 819	14.4	0.3	17	1	CQ617154	ACCESSION:CQ617154
C 748	14.8	0.3	20	1	AX040968	ACCESSION:AX040968	C 820	14.4	0.3	17	1	CQ617155	ACCESSION:CQ617155
C 749	14.8	0.3	20	1	AX104312	ACCESSION:AX104312	C 821	14.4	0.3	17	1	CQ621372	ACCESSION:CQ621372
C 750	14.8	0.3	20	1	AX149130	ACCESSION:AX149130	C 822	14.4	0.3	17	1	CQ621373	ACCESSION:CQ621373
C 751	14.8	0.3	20	1	AX239420	ACCESSION:AX239420	C 823	14.4	0.3	17	1	CQ621377	ACCESSION:CQ621377
C 752	14.8	0.3	20	1	AX355006	ACCESSION:AX355006	C 824	14.4	0.3	17	1	CQ621459	ACCESSION:CQ621459
C 753	14.8	0.3	20	1	AX477204	ACCESSION:AX477204	C 825	14.4	0.3	17	1	CQ621460	ACCESSION:CQ621460
C 754	14.8	0.3	20	1	AX487842	ACCESSION:AX487842	C 826	14.4	0.3	17	1	CQ621517	ACCESSION:CQ621517
C 755	14.8	0.3	20	1	AX498235	ACCESSION:AX498235	C 827	14.4	0.3	17	1	CQ622169	ACCESSION:CQ622169
C 756	14.8	0.3	20	1	AX498236	ACCESSION:AX498236	C 828	14.4	0.3	17	1	CQ622657	ACCESSION:CQ622657
C 757	14.8	0.3	20	1	AX498237	ACCESSION:AX498237	C 829	14.4	0.3	17	1	CQ623057	ACCESSION:CQ623057
C 758	14.8	0.3	20	1	AX526580	ACCESSION:AX526580	C 830	14.4	0.3	17	1	CQ623058	ACCESSION:CQ623058
C 759	14.8	0.3	20	1	AX547365	ACCESSION:AX547365	C 831	14.4	0.3	17	1		
C 760	14.8	0.3	20	1	AX587514	ACCESSION:AX587514	C 832	14.4	0.3	17	1		
C 761	14.8	0.3	20	1	AX697631	ACCESSION:AX697631	C 833	14.4	0.3	17	1		
C 762	14.8	0.3	20	1	AX742761	ACCESSION:AX742761	C 834	14.4	0.3	17	1		
C 763	14.8	0.3	20	1	AX798240	ACCESSION:AX798240	C 835	14.4	0.3	17	1		

837	14.4	0.3	17	1	AR329528	ACCESSION:AR329528	910	14.4	0.3	18	1	E14405	ACCESSION:E14405
838	14.4	0.3	17	1	AR329530	ACCESSION:AR329530	911	14.4	0.3	18	1	108613	ACCESSION:108613
C 839	14.4	0.3	17	1	AR402225	ACCESSION:AR402225	C 912	14.4	0.3	18	1	151690	ACCESSION:151690
840	14.4	0.3	17	1	AR458215	ACCESSION:AR458215	913	14.4	0.3	18	1	AR187495	ACCESSION:AR187495
841	14.4	0.3	17	1	AR458216	ACCESSION:AR458216	C 914	14.4	0.3	18	1	AR232160	ACCESSION:AR232160
842	14.4	0.3	17	1	AR458217	ACCESSION:AR458217	C 915	14.4	0.3	18	1	AR241595	ACCESSION:AR241595
843	14.4	0.3	17	1	AR458218	ACCESSION:AR458218	C 916	14.4	0.3	18	1	AR254079	ACCESSION:AR254079
C 844	14.4	0.3	17	1	AR462435	ACCESSION:AR462435	C 917	14.4	0.3	18	1	AR254551	ACCESSION:AR254551
C 845	14.4	0.3	17	1	AR462436	ACCESSION:AR462436	C 918	14.4	0.3	18	1	AR295654	ACCESSION:AR295654
C 846	14.4	0.3	17	1	AR462522	ACCESSION:AR462522	919	14.4	0.3	18	1	AR297376	ACCESSION:AR297376
C 847	14.4	0.3	17	1	AR462523	ACCESSION:AR462523	920	14.4	0.3	18	1	AR324009	ACCESSION:AR324009
C 848	14.4	0.3	17	1	AR462580	ACCESSION:AR462580	C 921	14.4	0.3	18	1	AX076212	ACCESSION:AX076212
C 849	14.4	0.3	17	1	AR462581	ACCESSION:AR462581	C 922	14.4	0.3	18	1	AX082558	ACCESSION:AX082558
850	14.4	0.3	17	1	AR463732	ACCESSION:AR463732	923	14.4	0.3	18	1	AX318812	ACCESSION:AX318812
C 851	14.4	0.3	17	1	AR463733	ACCESSION:AR463733	C 924	14.4	0.3	18	1	AX391659	ACCESSION:AX391659
C 852	14.4	0.3	17	1	AR464120	ACCESSION:AR464120	C 925	14.4	0.3	18	1	AX391808	ACCESSION:AX391808
C 853	14.4	0.3	17	1	AR464121	ACCESSION:AR464121	C 926	14.4	0.3	18	1	AX453816	ACCESSION:AX453816
C 854	14.4	0.3	17	1	AR464537	ACCESSION:AR464537	C 927	14.4	0.3	18	1	AX599475	ACCESSION:AX599475
C 855	14.4	0.3	17	1	AX022894	ACCESSION:AX022894	C 928	14.4	0.3	18	1	AX637808	ACCESSION:AX637808
C 856	14.4	0.3	17	1	AX022913	ACCESSION:AX022913	C 929	14.4	0.3	18	1	BD000051	ACCESSION:BD000051
C 857	14.4	0.3	17	1	AX022932	ACCESSION:AX022932	C 930	14.4	0.3	18	1	BD091566	ACCESSION:BD091566
C 858	14.4	0.3	17	1	AX030482	ACCESSION:AX030482	931	14.4	0.3	18	1	BD094762	ACCESSION:BD094762
C 859	14.4	0.3	17	1	AX030501	ACCESSION:AX030501	932	14.4	0.3	18	1	BD096304	ACCESSION:BD096304
C 860	14.4	0.3	17	1	AX030520	ACCESSION:AX030520	C 933	14.4	0.3	18	1	BD133662	ACCESSION:BD133662
C 861	14.4	0.3	17	1	AX214571	ACCESSION:AX214571	C 934	14.4	0.3	18	1	BD135111	ACCESSION:BD135111
C 862	14.4	0.3	17	1	AX215324	ACCESSION:AX215324	C 935	14.4	0.3	18	1	BD135740	ACCESSION:BD135740
C 863	14.4	0.3	17	1	AX215329	ACCESSION:AX215329	C 936	14.4	0.3	18	1	BD161006	ACCESSION:BD161006
C 864	14.4	0.3	17	1	AX215935	ACCESSION:AX215935	C 937	14.4	0.3	18	1	BD167501	ACCESSION:BD167501
C 865	14.4	0.3	17	1	AX216269	ACCESSION:AX216269	C 938	14.4	0.3	19	1	A65742	ACCESSION:A65742
866	14.4	0.3	17	1	AX216933	ACCESSION:AX216933	C 939	14.4	0.3	19	1	E12683	ACCESSION:E12683
867	14.4	0.3	17	1	AX217934	ACCESSION:AX217934	C 940	14.4	0.3	19	1	AR268328	ACCESSION:AR268328
C 868	14.4	0.3	17	1	AX217935	ACCESSION:AX217935	C 941	14.4	0.3	19	1	AR268329	ACCESSION:AR268329
C 869	14.4	0.3	17	1	AX227160	ACCESSION:AX227160	C 942	14.4	0.3	19	1	AR038671	ACCESSION:AR038671
C 870	14.4	0.3	17	1	AX227272	ACCESSION:AX227272	943	14.4	0.3	19	1	AR051997	ACCESSION:AR051997
C 871	14.4	0.3	17	1	AX227478	ACCESSION:AX227478	944	14.4	0.3	19	1	AR060404	ACCESSION:AR060404
C 872	14.4	0.3	17	1	AX266923	ACCESSION:AX266923	945	14.4	0.3	19	1	AR067405	ACCESSION:AR067405
C 873	14.4	0.3	17	1	AX266924	ACCESSION:AX266924	946	14.4	0.3	19	1	AR128962	ACCESSION:AR128962
C 874	14.4	0.3	17	1	AX266927	ACCESSION:AX266927	947	14.4	0.3	19	1	BD230488	ACCESSION:BD230488
C 875	14.4	0.3	17	1	AX266928	ACCESSION:AX266928	948	14.4	0.3	19	1	BD244656	ACCESSION:BD244656
C 876	14.4	0.3	17	1	AX272684	ACCESSION:AX272684	949	14.4	0.3	19	1	AR254656	ACCESSION:AR254656
C 877	14.4	0.3	17	1	AX272954	ACCESSION:AX272954	C 950	14.4	0.3	19	1	AR299581	ACCESSION:AR299581
C 878	14.4	0.3	17	1	AX422701	ACCESSION:AX422701	951	14.4	0.3	19	1	AR322117	ACCESSION:AR322117
C 879	14.4	0.3	17	1	AX423690	ACCESSION:AX423690	952	14.4	0.3	19	1	AR343264	ACCESSION:AR343264
C 880	14.4	0.3	17	1	AX532368	ACCESSION:AX532368	953	14.4	0.3	19	1	AR455531	ACCESSION:AR455531
881	14.4	0.3	17	1	AX532369	ACCESSION:AX532369	C 954	14.4	0.3	19	1	AX130852	ACCESSION:AX130852
C 882	14.4	0.3	17	1	AX556618	ACCESSION:AX556618	955	14.4	0.3	19	1	AX225005	ACCESSION:AX225005
C 883	14.4	0.3	17	1	AX556636	ACCESSION:AX556636	956	14.4	0.3	19	1	AX353083	ACCESSION:AX353083
C 884	14.4	0.3	17	1	AX578614	ACCESSION:AX578614	957	14.4	0.3	19	1	AX362928	ACCESSION:AX362928
885	14.4	0.3	17	1	AX648561	ACCESSION:AX648561	958	14.4	0.3	19	1	AX926744	ACCESSION:AX926744
C 886	14.4	0.3	17	1	AX648562	ACCESSION:AX648562	959	14.4	0.3	19	1	AX926752	ACCESSION:AX926752
C 887	14.4	0.3	17	1	AX672976	ACCESSION:AX672976	960	14.4	0.3	19	1	BD088114	ACCESSION:BD088114
888	14.4	0.3	17	1	AX674420	ACCESSION:AX674420	961	14.4	0.3	19	1	BD089283	ACCESSION:BD089283
889	14.4	0.3	17	1	AX690594	ACCESSION:AX690594	962	14.4	0.3	19	1	AB068045	ACCESSION:AB068045
C 890	14.4	0.3	17	1	AX690595	ACCESSION:AX690595	963	14.4	0.3	19	1	AB069002	ACCESSION:AB069002
C 891	14.4	0.3	17	1	AX694255	ACCESSION:AX694255	C 964	14.4	0.3	20	1	BOVINE31	ACCESSION:BOVINE31
C 892	14.4	0.3	17	1	AX694256	ACCESSION:AX694256	C 965	14.4	0.3	20	1	AR103793	ACCESSION:AR103793
C 893	14.4	0.3	17	1	AX726056	ACCESSION:AX726056	966	14.4	0.3	20	1	AR150318	ACCESSION:AR150318
C 894	14.4	0.3	17	1	AX730391	ACCESSION:AX730391	C 967	14.4	0.3	20	1	AR158929	ACCESSION:AR158929
C 895	14.4	0.3	17	1	AX733953	ACCESSION:AX733953	C 968	14.4	0.3	20	1	AR158930	ACCESSION:AR158930
C 896	14.4	0.3	17	1	AX736884	ACCESSION:AX736884	C 969	14.4	0.3	20	1	AR158931	ACCESSION:AR158931
C 897	14.4	0.3	17	1	AX736971	ACCESSION:AX736971	C 970	14.4	0.3	20	1	AR158932	ACCESSION:AR158932
898	14.4	0.3	17	1	AX744420	ACCESSION:AX744420	C 971	14.4	0.3	20	1	AR158933	ACCESSION:AR158933
899	14.4	0.3	17	1	AX744421	ACCESSION:AX744421	972	14.4	0.3	20	1	BD176297	ACCESSION:BD176297
C 900	14.4	0.3	17	1	AX759453	ACCESSION:AX759453	973	14.4	0.3	20	1	BD196364	ACCESSION:BD196364
C 901	14.4	0.3	17	1	BD067725	ACCESSION:BD067725	974	14.4	0.3	20	1	BD228191	ACCESSION:BD228191
C 902	14.4	0.3	18	1	A26397	ACCESSION:A26397	C 975	14.4	0.3	20	1	BD228191	ACCESSION:BD228191
C 903	14.4	0.3	18	1	A32394	ACCESSION:A32394	C 976	14.4	0.3	20	1	BD230280	ACCESSION:BD230280
C 904	14.4	0.3	18	1	AR021100	ACCESSION:AR021100	977	14.4	0.3	20	1	BD251310	ACCESSION:BD251310
C 905	14.4	0.3	18	1	AR042358	ACCESSION:AR042358	978	14.4	0.3	20	1	CQ754279	ACCESSION:CQ754279
C 906	14.4	0.3	18	1	AR051130	ACCESSION:AR051130	979	14.4	0.3	20	1	CQ757509	ACCESSION:CQ757509
C 907	14.4	0.3	18	1	AR153751	ACCESSION:AR153751	C 980	14.4	0.3	20	1	CQ797897	ACCESSION:CQ797897
C 908	14.4	0.3	18	1	BD176984	ACCESSION:BD176984	C 981	14.4	0.3	20	1	CQ798002	ACCESSION:CQ798002
C 909	14.4	0.3	18	1	BD211617	ACCESSION:BD211617	C 982	14.4	0.3	20	1	E38339	ACCESSION:E38339

c 983	14.4	0.3	20	1	E40738	ACCESSION:E40738
984	14.4	0.3	20	1	I57089	ACCESSION:I57089
985	14.4	0.3	20	1	AR220998	ACCESSION:AR220998
c 986	14.4	0.3	20	1	AR234582	ACCESSION:AR234582
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c 988	14.4	0.3	20	1	AR225904	ACCESSION:AR225904
c 989	14.4	0.3	20	1	AR230867	ACCESSION:AR230867
c 990	14.4	0.3	20	1	AR232329	ACCESSION:AR232329
c 991	14.4	0.3	20	1	AR237828	ACCESSION:AR237828
c 992	14.4	0.3	20	1	AR255990	ACCESSION:AR255990
c 993	14.4	0.3	20	1	AR272177	ACCESSION:AR272177
c 994	14.4	0.3	20	1	AR295874	ACCESSION:AR295874
c 995	14.4	0.3	20	1	AR315475	ACCESSION:AR315475
c 996	14.4	0.3	20	1	AR492683	ACCESSION:AR492683
c 997	14.4	0.3	20	1	AX000370	ACCESSION:AX000370
c 998	14.4	0.3	20	1	AX155565	ACCESSION:AX155565
c 999	14.4	0.3	20	1	AX294602	ACCESSION:AX294602
c 1000	14.4	0.3	20	1	AX298492	ACCESSION:AX298492
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c1002	14.4	0.3	20	1	AX394069	ACCESSION:AX394069
c1003	14.4	0.3	20	1	AX404000	ACCESSION:AX404000
c1004	14.4	0.3	20	1	AX488099	ACCESSION:AX488099
c1005	14.4	0.3	20	1	AX556410	ACCESSION:AX556410
c1006	14.4	0.3	20	1	AX611060	ACCESSION:AX611060
c1007	14.4	0.3	20	1	AX665193	ACCESSION:AX665193
c1008	14.4	0.3	20	1	AX674975	ACCESSION:AX674975
c1009	14.4	0.3	20	1	AX708795	ACCESSION:AX708795
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c1011	14.4	0.3	20	1	AX750484	ACCESSION:AX750484
c1012	14.4	0.3	20	1	AX798039	ACCESSION:AX798039
c1013	14.4	0.3	20	1	BD012400	ACCESSION:BD012400
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c1015	14.4	0.3	20	1	BD085692	ACCESSION:BD085692
c1016	14.4	0.3	20	1	BD090219	ACCESSION:BD090219
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c1018	14.4	0.3	20	1	BD130023	ACCESSION:BD130023
c1019	14.4	0.3	20	1	BD133506	ACCESSION:BD133506
c1020	14.2	0.3	19	1	A51172	ACCESSION:A51172
c1021	14.2	0.3	19	1	A51717	ACCESSION:A51717
c1022	14.2	0.3	19	1	A68209	ACCESSION:A68209
c1023	14.2	0.3	19	1	A76997	ACCESSION:A76997
c1024	14.2	0.3	19	1	AR027790	ACCESSION:AR027790
c1025	14.2	0.3	19	1	AR048767	ACCESSION:AR048767
c1026	14.2	0.3	19	1	AR111371	ACCESSION:AR111371
c1027	14.2	0.3	19	1	AR111946	ACCESSION:AR111946
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c1032	14.2	0.3	19	1	AR111951	ACCESSION:AR111951
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c1034	14.2	0.3	19	1	AR111953	ACCESSION:AR111953
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c1037	14.2	0.3	19	1	AR111960	ACCESSION:AR111960
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c1041	14.2	0.3	19	1	AR124845	ACCESSION:AR124845
c1042	14.2	0.3	19	1	AR124846	ACCESSION:AR124846
c1043	14.2	0.3	19	1	AR124847	ACCESSION:AR124847
c1044	14.2	0.3	19	1	AR124848	ACCESSION:AR124848
c1045	14.2	0.3	19	1	AR124849	ACCESSION:AR124849
c1046	14.2	0.3	19	1	AR124850	ACCESSION:AR124850
c1047	14.2	0.3	19	1	AR124854	ACCESSION:AR124854
c1048	14.2	0.3	19	1	AR124856	ACCESSION:AR124856
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c1051	14.2	0.3	19	1	AR135291	ACCESSION:AR135291
c1052	14.2	0.3	19	1	AR135292	ACCESSION:AR135292
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c1063	14.2	0.3	19	1	AR137255	ACCESSION:AR137255
c1064	14.2	0.3	19	1	AR141898	ACCESSION:AR141898
c1065	14.2	0.3	19	1	AR153863	ACCESSION:AR153863
c1066	14.2	0.3	19	1	AR164173	ACCESSION:AR164173
c1067	14.2	0.3	19	1	AR175911	ACCESSION:AR175911
c1068	14.2	0.3	19	1	BD195367	ACCESSION:BD195367
c1069	14.2	0.3	19	1	BD196900	ACCESSION:BD196900
c1070	14.2	0.3	19	1	BD226532	ACCESSION:BD226532
c1071	14.2	0.3	19	1	BD231238	ACCESSION:BD231238
c1072	14.2	0.3	19	1	BD274438	ACCESSION:BD274438
c1073	14.2	0.3	19	1	BD274439	ACCESSION:BD274439
c1074	14.2	0.3	19	1	BD274440	ACCESSION:BD274440
c1075	14.2	0.3	19	1	BD274441	ACCESSION:BD274441
c1076	14.2	0.3	19	1	BD274449	ACCESSION:BD274449
c1077	14.2	0.3	19	1	C0760576	ACCESSION:C0760576
c1078	14.2	0.3	19	1	C0799990	ACCESSION:C0799990
c1079	14.2	0.3	19	1	E29828	ACCESSION:E29828
c1080	14.2	0.3	19	1	I31170	ACCESSION:I31170
c1081	14.2	0.3	19	1	I44034	ACCESSION:I44034
c1082	14.2	0.3	19	1	AR205798	ACCESSION:AR205798
c1083	14.2	0.3	19	1	AR205799	ACCESSION:AR205799
c1084	14.2	0.3	19	1	AR205800	ACCESSION:AR205800
c1085	14.2	0.3	19	1	AR205801	ACCESSION:AR205801
c1086	14.2	0.3	19	1	AR205809	ACCESSION:AR205809
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c1088	14.2	0.3	19	1	AR213491	ACCESSION:AR213491
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c1093	14.2	0.3	19	1	AR213496	ACCESSION:AR213496
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c1095	14.2	0.3	19	1	AR213501	ACCESSION:AR213501
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c1099	14.2	0.3	19	1	AR222465	ACCESSION:AR222465
c1100	14.2	0.3	19	1	AR221589	ACCESSION:AR221589
c1101	14.2	0.3	19	1	AR237463	ACCESSION:AR237463
c1102	14.2	0.3	19	1	AR241724	ACCESSION:AR241724
c1103	14.2	0.3	19	1	AR292900	ACCESSION:AR292900
c1104	14.2	0.3	19	1	AR295279	ACCESSION:AR295279
c1105	14.2	0.3	19	1	AR298507	ACCESSION:AR298507
c1106	14.2	0.3	19	1	AR299941	ACCESSION:AR299941
c1107	14.2	0.3	19	1	AR321589	ACCESSION:AR321589
c1108	14.2	0.3	19	1	AR359804	ACCESSION:AR359804
c1109	14.2	0.3	19	1	AR359805	ACCESSION:AR359805
c1110	14.2	0.3	19	1	AR359806	ACCESSION:AR359806
c1111	14.2	0.3	19	1	AR367447	ACCESSION:AR367447
c1112	14.2	0.3	19	1	AR373577	ACCESSION:AR373577
c1113	14.2	0.3	19	1	AR393850	ACCESSION:AR393850
c1114	14.2	0.3	19	1	AR399177	ACCESSION:AR399177
c1115	14.2	0.3	19	1	AR399178	ACCESSION:AR399178
c1116	14.2	0.3	19	1	AR403601	ACCESSION:AR403601
c1117	14.2	0.3	19	1	AR403602	ACCESSION:AR403602
c1118	14.2	0.3	19	1	AR403603	ACCESSION:AR403603
c1119	14.2	0.3	19	1	AR403604	ACCESSION:AR403604
c1120	14.2	0.3	19	1	AR403605	ACCESSION:AR403605
c1121	14.2	0.3	19	1	AR403606	ACCESSION:AR403606
c1122	14.2	0.3	19	1	AR403607	ACCESSION:AR403607
c1123	14.2	0.3	19	1	AR403608	ACCESSION:AR403608
c1124	14.2	0.3	19	1	AR403612	ACCESSION:AR403612
c1125	14.2	0.3	19	1	AR403613	ACCESSION:AR403613
c1126	14.2	0.3	19	1	AR403614	ACCESSION:AR403614
c1127	14.2	0.3	19	1	AR412338	ACCESSION:AR412338
c1128	14.2	0.3	19	1	AR432616	ACCESSION:AR432616

c1129	14.2	0.3	19	1	AR451262	ACCESSION:AR451262	1202	14.2	0.3	20	1	BD175100	ACCESSION:BD175100
c1130	14.2	0.3	19	1	AR451282	ACCESSION:AR451282	c1203	14.2	0.3	20	1	BD176448	ACCESSION:BD176448
1131	14.2	0.3	19	1	AR451483	ACCESSION:AR451483	1204	14.2	0.3	20	1	BD177732	ACCESSION:BD177732
1132	14.2	0.3	19	1	AX035960	ACCESSION:AX035960	c1205	14.2	0.3	20	1	BD177738	ACCESSION:BD177738
1133	14.2	0.3	19	1	AX037377	ACCESSION:AX037377	1206	14.2	0.3	20	1	BD223602	ACCESSION:BD223602
c1134	14.2	0.3	19	1	AX129578	ACCESSION:AX129578	c1207	14.2	0.3	20	1	BD225096	ACCESSION:BD225096
c1135	14.2	0.3	19	1	AX164517	ACCESSION:AX164517	1208	14.2	0.3	20	1	BD227936	ACCESSION:BD227936
1136	14.2	0.3	19	1	AX229742	ACCESSION:AX229742	c1209	14.2	0.3	20	1	BD238408	ACCESSION:BD238408
1137	14.2	0.3	19	1	AX268098	ACCESSION:AX268098	c1210	14.2	0.3	20	1	BD251978	ACCESSION:BD251978
c1138	14.2	0.3	19	1	AX349249	ACCESSION:AX349249	c1211	14.2	0.3	20	1	BD260089	ACCESSION:BD260089
1139	14.2	0.3	19	1	AX378428	ACCESSION:AX378428	1212	14.2	0.3	20	1	CQ759163	ACCESSION:CQ759163
1140	14.2	0.3	19	1	AX412028	ACCESSION:AX412028	1213	14.2	0.3	20	1	CQ761540	ACCESSION:CQ761540
c1141	14.2	0.3	19	1	AX544272	ACCESSION:AX544272	1214	14.2	0.3	20	1	CQ761548	ACCESSION:CQ761548
1142	14.2	0.3	19	1	AX713059	ACCESSION:AX713059	c1215	14.2	0.3	20	1	CQ761599	ACCESSION:CQ761599
c1143	14.2	0.3	19	1	AX938382	ACCESSION:AX938382	c1216	14.2	0.3	20	1	CQ761657	ACCESSION:CQ761657
1144	14.2	0.3	19	1	BD075129	ACCESSION:BD075129	c1217	14.2	0.3	20	1	CQ761709	ACCESSION:CQ761709
c1145	14.2	0.3	19	1	BD087505	ACCESSION:BD087505	c1218	14.2	0.3	20	1	CQ762153	ACCESSION:CQ762153
1146	14.2	0.3	19	1	BD089801	ACCESSION:BD089801	1219	14.2	0.3	20	1	CQ762488	ACCESSION:CQ762488
1147	14.2	0.3	19	1	ATH526966	ACCESSION:ATH526966	1220	14.2	0.3	20	1	CQ762844	ACCESSION:CQ762844
c1148	14.2	0.3	19	1	ATH527027	ACCESSION:ATH527027	1221	14.2	0.3	20	1	CQ763637	ACCESSION:CQ763637
1149	14.2	0.3	19	1	AB068728	ACCESSION:AB068728	1222	14.2	0.3	20	1	CQ763987	ACCESSION:CQ763987
c1149	14.2	0.3	20	1	BD184614	ACCESSION:BD184614	c1223	14.2	0.3	20	1	CQ763961	ACCESSION:CQ763961
c1150	14.2	0.3	20	1	AX742761	ACCESSION:AX742761	c1224	14.2	0.3	20	1	CQ767200	ACCESSION:CQ767200
c1151	14.2	0.3	20	1	A23230	ACCESSION:A23230	c1225	14.2	0.3	20	1	CQ767554	ACCESSION:CQ767554
c1152	14.2	0.3	20	1	A62106	ACCESSION:A62106	1226	14.2	0.3	20	1	CQ772754	ACCESSION:CQ772754
1153	14.2	0.3	20	1	A65901	ACCESSION:A65901	1227	14.2	0.3	20	1	CQ786092	ACCESSION:CQ786092
c1155	14.2	0.3	20	1	A71396	ACCESSION:A71396	c1228	14.2	0.3	20	1	CQ797975	ACCESSION:CQ797975
1156	14.2	0.3	20	1	AR005021	ACCESSION:AR005021	c1229	14.2	0.3	20	1	E08941	ACCESSION:E08941
c1157	14.2	0.3	20	1	AR021357	ACCESSION:AR021357	c1230	14.2	0.3	20	1	E14421	ACCESSION:E14421
1158	14.2	0.3	20	1	AR029547	ACCESSION:AR029547	1231	14.2	0.3	20	1	E14023	ACCESSION:E14023
c1159	14.2	0.3	20	1	AR036870	ACCESSION:AR036870	1232	14.2	0.3	20	1	E25706	ACCESSION:E25706
c1160	14.2	0.3	20	1	AR040862	ACCESSION:AR040862	1233	14.2	0.3	20	1	E37452	ACCESSION:E37452
c1161	14.2	0.3	20	1	AR043108	ACCESSION:AR043108	1234	14.2	0.3	20	1	E37460	ACCESSION:E37460
c1162	14.2	0.3	20	1	AR054113	ACCESSION:AR054113	c1235	14.2	0.3	20	1	E59323	ACCESSION:E59323
1163	14.2	0.3	20	1	AR067017	ACCESSION:AR067017	1236	14.2	0.3	20	1	E59328	ACCESSION:E59328
c1164	14.2	0.3	20	1	AR068394	ACCESSION:AR068394	c1237	14.2	0.3	20	1	E59328	ACCESSION:E59328
1165	14.2	0.3	20	1	AR086257	ACCESSION:AR086257	c1238	14.2	0.3	20	1	E32964	ACCESSION:E32964
c1166	14.2	0.3	20	1	AR086274	ACCESSION:AR086274	1239	14.2	0.3	20	1	E41460	ACCESSION:E41460
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1168	14.2	0.3	20	1	AR093018	ACCESSION:AR093018	c1241	14.2	0.3	20	1	AR193138	ACCESSION:AR193138
1169	14.2	0.3	20	1	AR096477	ACCESSION:AR096477	c1242	14.2	0.3	20	1	AR207161	ACCESSION:AR207161
1170	14.2	0.3	20	1	AR098500	ACCESSION:AR098500	1243	14.2	0.3	20	1	AR208115	ACCESSION:AR208115
c1171	14.2	0.3	20	1	AR098878	ACCESSION:AR098878	1244	14.2	0.3	20	1	AR208839	ACCESSION:AR208839
1172	14.2	0.3	20	1	AR100408	ACCESSION:AR100408	1245	14.2	0.3	20	1	AR208852	ACCESSION:AR208852
c1173	14.2	0.3	20	1	AR112167	ACCESSION:AR112167	1246	14.2	0.3	20	1	AR212121	ACCESSION:AR212121
1174	14.2	0.3	20	1	AR116451	ACCESSION:AR116451	c1247	14.2	0.3	20	1	AR215945	ACCESSION:AR215945
c1175	14.2	0.3	20	1	AR122218	ACCESSION:AR122218	c1248	14.2	0.3	20	1	AR216034	ACCESSION:AR216034
1176	14.2	0.3	20	1	AR124510	ACCESSION:AR124510	1249	14.2	0.3	20	1	AR221061	ACCESSION:AR221061
c1177	14.2	0.3	20	1	AR125307	ACCESSION:AR125307	c1250	14.2	0.3	20	1	AR224756	ACCESSION:AR224756
c1178	14.2	0.3	20	1	AR126622	ACCESSION:AR126622	1251	14.2	0.3	20	1	AR226079	ACCESSION:AR226079
1179	14.2	0.3	20	1	AR130543	ACCESSION:AR130543	c1252	14.2	0.3	20	1	AR228956	ACCESSION:AR228956
1180	14.2	0.3	20	1	AR131192	ACCESSION:AR131192	c1253	14.2	0.3	20	1	AR231250	ACCESSION:AR231250
1181	14.2	0.3	20	1	AR139513	ACCESSION:AR139513	c1254	14.2	0.3	20	1	AR231291	ACCESSION:AR231291
c1182	14.2	0.3	20	1	AR139960	ACCESSION:AR139960	c1255	14.2	0.3	20	1	AR231292	ACCESSION:AR231292
c1183	14.2	0.3	20	1	AR139961	ACCESSION:AR139961	c1256	14.2	0.3	20	1	AR231293	ACCESSION:AR231293
c1184	14.2	0.3	20	1	AR140279	ACCESSION:AR140279	c1257	14.2	0.3	20	1	AR231324	ACCESSION:AR231324
c1185	14.2	0.3	20	1	AR140280	ACCESSION:AR140280	c1258	14.2	0.3	20	1	AR233429	ACCESSION:AR233429
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c1187	14.2	0.3	20	1	AR140558	ACCESSION:AR140558	1260	14.2	0.3	20	1	AR237490	ACCESSION:AR237490
c1188	14.2	0.3	20	1	AR149209	ACCESSION:AR149209	1261	14.2	0.3	20	1	AR241047	ACCESSION:AR241047
1189	14.2	0.3	20	1	AR150063	ACCESSION:AR150063	1262	14.2	0.3	20	1	AR241075	ACCESSION:AR241075
1190	14.2	0.3	20	1	AR157125	ACCESSION:AR157125	1263	14.2	0.3	20	1	AR257222	ACCESSION:AR257222
c1191	14.2	0.3	20	1	AR162101	ACCESSION:AR162101	c1264	14.2	0.3	20	1	AR271204	ACCESSION:AR271204
c1192	14.2	0.3	20	1	AR162761	ACCESSION:AR162761	c1265	14.2	0.3	20	1	AR279834	ACCESSION:AR279834
1193	14.2	0.3	20	1	AR163446	ACCESSION:AR163446	c1266	14.2	0.3	20	1	AR293020	ACCESSION:AR293020
c1194	14.2	0.3	20	1	AR166626	ACCESSION:AR166626	c1267	14.2	0.3	20	1	AR295317	ACCESSION:AR295317
c1195	14.2	0.3	20	1	AR166697	ACCESSION:AR166697	1268	14.2	0.3	20	1	AR300294	ACCESSION:AR300294
1196	14.2	0.3	20	1	AR173034	ACCESSION:AR173034	1269	14.2	0.3	20	1	AR301007	ACCESSION:AR301007
c1197	14.2	0.3	20	1	AR174516	ACCESSION:AR174516	c1270	14.2	0.3	20	1	AR307819	ACCESSION:AR307819
1198	14.2	0.3	20	1	AR176823	ACCESSION:AR176823	1271	14.2	0.3	20	1	AR311370	ACCESSION:AR311370
c1199	14.2	0.3	20	1	AR176840	ACCESSION:AR176840	1272	14.2	0.3	20	1	AR311385	ACCESSION:AR311385
c1200	14.2	0.3	20	1	AR178970	ACCESSION:AR178970	1273	14.2	0.3	20	1	AR313938	ACCESSION:AR313938
c1201	14.2	0.3	20	1	BD174960	ACCESSION:BD174960	1274	14.2	0.3	20	1	AR314041	ACCESSION:AR314041

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1276	14.2	0.3	20	1	AR315770	ACCESSION:AR315770	1349	14.2	0.3	20	1	BD083693	ACCESSION:BD083693
1277	14.2	0.3	20	1	AR315919	ACCESSION:AR315919	c1350	14.2	0.3	20	1	BD088562	ACCESSION:BD088562
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1279	14.2	0.3	20	1	AR317355	ACCESSION:AR317355	1352	14.2	0.3	20	1	BD091603	ACCESSION:BD091603
1280	14.2	0.3	20	1	AR337708	ACCESSION:AR337708	1353	14.2	0.3	20	1	BD131981	ACCESSION:BD131981
1281	14.2	0.3	20	1	AR350285	ACCESSION:AR350285	1354	14.2	0.3	20	1	BD132451	ACCESSION:BD132451
1282	14.2	0.3	20	1	AR359520	ACCESSION:AR359520	1355	14.2	0.3	20	1	BD141100	ACCESSION:BD141100
c1283	14.2	0.3	20	1	AR363561	ACCESSION:AR363561	1356	14.2	0.3	20	1	BD142409	ACCESSION:BD142409
c1284	14.2	0.3	20	1	AR373486	ACCESSION:AR373486	1357	14.2	0.3	20	1	BD143990	ACCESSION:BD143990
1285	14.2	0.3	20	1	AR373728	ACCESSION:AR373728	c1358	14.2	0.3	20	1	BD174246	ACCESSION:BD174246
1286	14.2	0.3	20	1	AR373729	ACCESSION:AR373729	c1359	14.2	0.3	20	1	S7610351	ACCESSION:S7610351
1287	14.2	0.3	20	1	AR475664	ACCESSION:AR475664	1360	14.2	0.3	20	1	AB166603	ACCESSION:AB166603
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c1289	14.2	0.3	20	1	AR488803	ACCESSION:AR488803	c1362	14	0.3	15	1	AX572880	ACCESSION:AX572880
1290	14.2	0.3	20	1	AR492701	ACCESSION:AR492701	c1363	14	0.3	16	1	AR080878	ACCESSION:AR080878
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1292	14.2	0.3	20	1	AR495009	ACCESSION:AR495009	1365	14	0.3	17	1	AR091417	ACCESSION:AR091417
c1293	14.2	0.3	20	1	AX0077154	ACCESSION:AX0077154	c1366	14	0.3	17	1	AR091418	ACCESSION:AR091418
c1294	14.2	0.3	20	1	AX041072	ACCESSION:AX041072	1367	14	0.3	17	1	AR091419	ACCESSION:AR091419
1295	14.2	0.3	20	1	AX053095	ACCESSION:AX053095	c1368	14	0.3	17	1	AR125622	ACCESSION:AR125622
1296	14.2	0.3	20	1	AX106726	ACCESSION:AX106726	c1369	14	0.3	17	1	AR125623	ACCESSION:AR125623
c1297	14.2	0.3	20	1	AX106727	ACCESSION:AX106727	1370	14	0.3	17	1	AR125624	ACCESSION:AR125624
c1298	14.2	0.3	20	1	AX116370	ACCESSION:AX116370	c1371	14	0.3	17	1	BD197368	ACCESSION:BD197368
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c1300	14.2	0.3	20	1	AX163843	ACCESSION:AX163843	c1373	14	0.3	17	1	C0622024	ACCESSION:C0622024
c1301	14.2	0.3	20	1	AX167890	ACCESSION:AX167890	1374	14	0.3	17	1	C0622028	ACCESSION:C0622028
1302	14.2	0.3	20	1	AX167902	ACCESSION:AX167902	1375	14	0.3	17	1	173171	ACCESSION:173171
1303	14.2	0.3	20	1	AX184029	ACCESSION:AX184029	1376	14	0.3	17	1	AR302290	ACCESSION:AR302290
c1304	14.2	0.3	20	1	AX211697	ACCESSION:AX211697	c1377	14	0.3	17	1	AR463087	ACCESSION:AR463087
c1305	14.2	0.3	20	1	AX293669	ACCESSION:AX293669	1378	14	0.3	17	1	AR463091	ACCESSION:AR463091
1306	14.2	0.3	20	1	AX293661	ACCESSION:AX293661	c1379	14	0.3	17	1	AX226914	ACCESSION:AX226914
c1307	14.2	0.3	20	1	AX294799	ACCESSION:AX294799	1380	14	0.3	17	1	AX226915	ACCESSION:AX226915
1308	14.2	0.3	20	1	AX295649	ACCESSION:AX295649	1381	14	0.3	17	1	AX423695	ACCESSION:AX423695
c1309	14.2	0.3	20	1	AX296690	ACCESSION:AX296690	1382	14	0.3	17	1	AX423696	ACCESSION:AX423696
c1310	14.2	0.3	20	1	AX298625	ACCESSION:AX298625	1383	14	0.3	17	1	AX532370	ACCESSION:AX532370
c1311	14.2	0.3	20	1	AX326932	ACCESSION:AX326932	1384	14	0.3	17	1	AX532371	ACCESSION:AX532371
c1312	14.2	0.3	20	1	AX339406	ACCESSION:AX339406	1385	14	0.3	17	1	AX672105	ACCESSION:AX672105
1313	14.2	0.3	20	1	AX402154	ACCESSION:AX402154	1386	14	0.3	17	1	AX690592	ACCESSION:AX690592
1314	14.2	0.3	20	1	AX402172	ACCESSION:AX402172	1387	14	0.3	17	1	AX690593	ACCESSION:AX690593
1315	14.2	0.3	20	1	AX418725	ACCESSION:AX418725	1388	14	0.3	17	1	AX729528	ACCESSION:AX729528
1316	14.2	0.3	20	1	AX418726	ACCESSION:AX418726	c1389	14	0.3	17	1	AX731242	ACCESSION:AX731242
1317	14.2	0.3	20	1	AX441426	ACCESSION:AX441426	c1390	14	0.3	17	1	AX736091	ACCESSION:AX736091
1318	14.2	0.3	20	1	AX453922	ACCESSION:AX453922	1391	14	0.3	17	1	AX757220	ACCESSION:AX757220
c1319	14.2	0.3	20	1	AX456086	ACCESSION:AX456086	1392	14	0.3	17	1	AX760406	ACCESSION:AX760406
1320	14.2	0.3	20	1	AX462490	ACCESSION:AX462490	c1393	14	0.3	17	1	AX762099	ACCESSION:AX762099
1321	14.2	0.3	20	1	AX477221	ACCESSION:AX477221	c1394	14	0.3	18	1	A71392	ACCESSION:A71392
1322	14.2	0.3	20	1	AX488440	ACCESSION:AX488440	c1395	14	0.3	18	1	A71397	ACCESSION:A71397
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1328	14.2	0.3	20	1	AX698779	ACCESSION:AX698779	1401	14	0.3	18	1	AR482404	ACCESSION:AR482404
c1329	14.2	0.3	20	1	AX703628	ACCESSION:AX703628	1402	14	0.3	18	1	AX101065	ACCESSION:AX101065
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1331	14.2	0.3	20	1	AX719304	ACCESSION:AX719304	1404	14	0.3	19	1	BD085719	ACCESSION:BD085719
1332	14.2	0.3	20	1	AX750503	ACCESSION:AX750503	1405	14	0.3	19	1	AR123684	ACCESSION:AR123684
c1333	14.2	0.3	20	1	AX752870	ACCESSION:AX752870	1406	14	0.3	19	1	BD237955	ACCESSION:BD237955
c1334	14.2	0.3	20	1	AX772968	ACCESSION:AX772968	1407	14	0.3	19	1	AR195417	ACCESSION:AR195417
1335	14.2	0.3	20	1	AX785499	ACCESSION:AX785499	1408	14	0.3	19	1	AR242765	ACCESSION:AR242765
1336	14.2	0.3	20	1	AX785501	ACCESSION:AX785501	c1409	14	0.3	19	1	AR132563	ACCESSION:AR132563
1337	14.2	0.3	20	1	AX785566	ACCESSION:AX785566	1410	14	0.3	19	1	BD065060	ACCESSION:BD065060
c1338	14.2	0.3	20	1	AX804882	ACCESSION:AX804882	1411	14	0.3	20	1	A78831	ACCESSION:A78831
1339	14.2	0.3	20	1	AX815731	ACCESSION:AX815731	1412	14	0.3	20	1	AR025475	ACCESSION:AR025475
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1341	14.2	0.3	20	1	AX826843	ACCESSION:AX826843	c1414	14	0.3	20	1	AR071620	ACCESSION:AR071620
1342	14.2	0.3	20	1	AX923558	ACCESSION:AX923558	c1415	14	0.3	20	1	AR158934	ACCESSION:AR158934
c1343	14.2	0.3	20	1	AX925403	ACCESSION:AX925403	c1416	14	0.3	20	1	AR158935	ACCESSION:AR158935
1344	14.2	0.3	20	1	AX956279	ACCESSION:AX956279	1417	14	0.3	20	1	AR163770	ACCESSION:AR163770
c1345	14.2	0.3	20	1	AX956308	ACCESSION:AX956308	c1418	14	0.3	20	1	BD206227	ACCESSION:BD206227
1346	14.2	0.3	20	1	BD012503	ACCESSION:BD012503	1419	14	0.3	20	1	BD230529	ACCESSION:BD230529
1347	14.2	0.3	20	1	BD016953	ACCESSION:BD016953	1420	14	0.3	20	1	BD230591	ACCESSION:BD230591

1421 14 0.3 20 1 E10487 ACCESSION:E10487
C1422 14 0.3 20 1 E14841 ACCESSION:E14841
C1423 14 0.3 20 1 E39861 ACCESSION:E39861
C1424 14 0.3 20 1 AR268296 ACCESSION:AR268296
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C1427 14 0.3 20 1 AR487652 ACCESSION:AR487652
C1428 14 0.3 20 1 AR117414 ACCESSION:AR117414
C1429 14 0.3 20 1 AX2927370 ACCESSION:AX2927370
C1430 14 0.3 20 1 AX817657 ACCESSION:AX817657
C1431 14 0.3 20 1 AX817703 ACCESSION:AX817703
C1432 14 0.3 20 1 AX337886 ACCESSION:AX337886
C1433 14 0.3 20 1 BD090844 ACCESSION:BD090844
C1434 14 0.3 20 1 BD174075 ACCESSION:BD174075
C1435 14 0.3 20 1 AB166611 ACCESSION:AB166611
C1436 13.8 0.3 18 1 AR040105 ACCESSION:AR040105

ALIGNMENTS

RESULT 1
AX530368 AX530368 39 bp DNA linear PAT 21-NOV-2002
LOCUS Sequence 91 from Patent WO0240668.
DEFINITION AX530368
ACCESSION AX530368 GI:25173256
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1.39
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer JT1497 (S. 49)"
Query Match 0.7%; Score 39; DB 1; Length 39;
Best Local Similarity 100.0%; Pred. No. 0.095;
Matches 39; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 523 ATGGCGGCGGAGCGCTGGGCGCGCTGTTACTTG 561
1 ATGGCTGGCGAGCGCTGGGCGCGCTGCTGTTACTTG 39
RESULT 2
AX530370 AX530370 30 bp DNA linear PAT 21-NOV-2002
LOCUS Sequence 93 from Patent WO0240668.
DEFINITION AX530370
ACCESSION AX530370 GI:25173258
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1.30
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/mol_type="unassigned DNA"

/db_xref="taxon:32630"
/note="Primer JT1500 (S. 49)"
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Best Local Similarity 100.0%; Pred. No. 2.6;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 4792 CTCCTGCACCTCAGCAGCTGAAGTATCAAC 4821
30 CTCCTGCACCTCAGCAGCTGAAGTATCAAC 1
RESULT 3
BD011883 BD011883 33 bp DNA linear PAT 02-AUG-2002
LOCUS Detection kit for SRSV.
DEFINITION BD011883
ACCESSION BD011883 GI:22092072
VERSION
KEYWORDS
KEYWORDS WO 0079280-A/13.
SOURCE
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
OS
Artificial Sequence
PN WO 0079280-A/13
PD 28-DEC-2000
PP 22-JUN-2000 WO 2000JP004095
PR 22-JUN-1999 JP 99P 175928
PI NOKKAZU TAKEDA, KATSURO NATORI, TATSUO MIYAMURA, KUNIO PI
KAMATA, TOSHINORI SATO, SEIYA SATO
PI
PC GOIN3/569, C12N15/40
CC
FH Key Location/Qualifiers.
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1.33
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/db_xref="taxon:32630"

Query Match 0.4%; Score 23.4; DB 1; Length 33;
Best Local Similarity 81.8%; Pred. No. 36;
Matches 27; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
Db 5393 AAAAAAAAAAAGAAAAAATGAAATATAA 5425
33 AAAAAAAAAAAGAAAAAATGAAATATAA 1
RESULT 4
E04206 E04206 29 bp DNA linear PAT 29-SEP-1997
LOCUS single strand DNA sequence of Type C hepatitis virus.
DEFINITION E04206
ACCESSION E04206
VERSION E04206.1 GI:2172416
KEYWORDS
KEYWORDS JP 1993001099-A/34.
SOURCE
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1 (bases 1 to 29)
Morita, K., Hasegawa, M., Yokoo, Y., Sato, M., Sekine, S., Sugimoto, S.,
Koda, H., Mori, H. and Arima, T.
FUSED ANTIGENIC POLYPEPTIDE
Patent: JP 1993001099-A 34 08-JAN-1993;
KYOWA HAKKO KOGYO CO LTD.

COMMENT OS Artificial gene
OC Artificial sequence; Genes.
PN JP 1993001099-A/34
PD 08-JAN-1993
PF 25-JUN-1991 JP 1991153031
PI MORIYUKI, PI SEKINE SUSUKO, SUGIMOTO SEIJI, KODA HAUTIME, MORI
HIDETI, PI ARIMA TERUMASA
PC C07K71/10, C07K13/00, C12N1/21, C12N15/62, C12N15/70, C12P21/02, PC
C12Q1/68, PC
G01N33/569, G01N33/576//A61K39/00, C12N15/51, (C12N1/21, C12R1:19), PC
(C12P21/02, PC
C12R1:19), C07K99:00;
CC strandedness: Single;
CC topology: linear;
CC hypothetical: No.
FEATURES
source Location/Qualifiers
1..29
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.4%; Score 23.2; DB 1; Length 29;
Best Local Similarity 89.3%; Pred. No. 35;
Matches 25; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5403 AAAAAAAAAAATGAAATTAAGAAT 5430
DB 29 AAAAAAAAAAAGAAAAAAGAAAT 2

RESULT 5
LOCUS AX089776/c 30 bp DNA linear PAT 21-MAR-2001
DEFINITION Sequence 16 from Patent WO0116170.
ACCESSION AX089776
VERSION AX089776.1 GI:13443948
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS Reed, J.C.
TITLE Card proteins involved in cell death regulation
JOURNAL Patent: WO 0116170-A 16 08-MAR-2001;
The Burnham Institute (US)
FEATURES
source Location/Qualifiers
1..30
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.4%; Score 22; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 3891 GACCGTTGAGATTGAATTCGT 3912
DB 30 GACCGTTGAGATTGAATTCGT 9

RESULT 6
LOCUS AX089775 31 bp DNA linear PAT 21-MAR-2001
DEFINITION Sequence 15 from Patent WO0116170.
ACCESSION AX089775
VERSION AX089775.1 GI:13443947
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Reed, J.C.
TITLE Card proteins involved in cell death regulation
JOURNAL Patent: WO 0116170-A 15 08-MAR-2001;
The Burnham Institute (US)
FEATURES
source Location/Qualifiers
1..31
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.4%; Score 22; DB 1; Length 31;
Best Local Similarity 100.0%; Pred. No. 58;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1498 GAACCTCGCATGTCATCTGC 1519
DB 10 GAACCTCGCATGTCATCTGC 31

RESULT 7
LOCUS AX961679/c 28 bp DNA linear PAT 14-JAN-2004
DEFINITION Sequence 74 from Patent WO03101375.
ACCESSION AX961679
VERSION AX961679.1 GI:4081137
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS Lopez, R.A.
TITLE Immunostimulatory oligonucleotides and uses thereof
JOURNAL Patent: WO 03101375-A 74 11-DEC-2003;
IMMUNOTECH S.A. (AR)
FEATURES
source Location/Qualifiers
1..28
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Immunostimulatory oligonucleotide"

Query Match 0.4%; Score 21.6; DB 1; Length 28;
Best Local Similarity 85.7%; Pred. No. 63;
Matches 24; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5394 AAAAAAAAAAAGAAAAATGAAA 5421
DB 28 AAAAAAAAAAAGAAAAATGAAA 1

RESULT 8
LOCUS E04205 30 bp DNA linear PAT 29-SEP-1997
DEFINITION single strand DNA sequence of Type C hepatitis virus.
ACCESSION E04205
VERSION E04205.1 GI:2172415
KEYWORDS JP 1993001099-A/33.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 (bases 1 to 30)
AUTHORS Morita, K., Hasegawa, M., Yokoo, Y., Sato, M., Sekine, S., Sugimoto, S.,
Koda, H., Mori, H. and Arima, T.
TITLE FUSED ANTIGENIC POLYPEPTIDE
JOURNAL Patent: JP 1993001099-A 33 08-JAN-1993;
KYOWA HAKKO KOGYO CO LTD
COMMENT OS Artificial gene
OC Artificial sequence; Genes.
PN JP 1993001099-A/33
PD 08-JAN-1993
PF 25-JUN-1991 JP 1991153031

PI MORITA KAZUKI, HASEGAWA MAMORU, YOKOO YOSHIMARU, SATO MORIYUKI, PI SEKINE SUSUMU, SUGIMOTO SEIJI, KODA HAJIME, MORI HIDEJI, PI ARIMA TERUMASA
PC C07K7/10, C07K13/00, C12N1/21, C12N15/62, C12N15/70, C12P21/02, PC C12O1/68,
PC
G01N33/569, G01N33/576//A61K39/00, C12N15/51, (C12N1/21, C12R1:19), PC (C12P21/02,
PC C12R1:19), C07K99:00;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No.
Location/Qualifiers
1. 30
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 88.5%; Pred. No. 77;
Matches 23; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5402 CAAAAAGAAAAATGAAATTAAGG 5427
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5 CAAAAAGAAAAAGAAAAAAGG 30
|||||

RESULT 9
AX089777 21 bp DNA linear PAT 21-MAR-2001
LOCUS
DEFINITION Sequence 17 from Patent WO0116170.
ACCESSION AX089777
VERSION AX089777.1 GI:13443949
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Reed, J.C.
Card proteins involved in cell death regulation
Patent: WO 0116170-A 17 08-MAR-2001;
The Burnham Institute (US)
FEATURES
source
1. 21
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.4%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 64;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3873 TGTGATGAGAGCGGTGAC 3893
|||||
1 TGTGATGAGAGCGGTGAC 21
|||||

RESULT 10
AX530372 21 bp DNA linear PAT 21-NOV-2002
LOCUS
DEFINITION Sequence 95 from Patent WO0240668.
ACCESSION AX530372
VERSION AX530372.1 GI:25173260
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Tschopp, J. and Martinon, F.
Proteins and dna sequences underlying these proteins used for treating inflammations
Patent: WO 0240668-A 95 23-MAY-2002;

JOURNAL

Apotech Research and Development Ltd. (CH)
Location/Qualifiers
1. 21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer JT1658"

Query Match 0.4%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 64;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3610 AAATCTCTGACGTGACGAG 3630
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1 AAATCTCTGACGTGACGAG 21
|||||

RESULT 11
AX530374 21 bp DNA linear PAT 21-NOV-2002
LOCUS
DEFINITION Sequence 97 from Patent WO0240668.
ACCESSION AX530374
VERSION AX530374.1 GI:25173262
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Tschopp, J. and Martinon, F.
Proteins and dna sequences underlying these proteins used for treating inflammations
Patent: WO 0240668-A 97 23-MAY-2002;
Apotech Research and Development Ltd. (CH)
Location/Qualifiers
1. 21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer JT1497 (S. 51)"

Query Match 0.4%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 64;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 523 ATGGCTGGCGAGCGCTGGGCG 543
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1 ATGGCTGGCGAGCGCTGGGCG 21
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RESULT 12
A43784 30 bp DNA linear PAT 06-MAR-1997
LOCUS
DEFINITION Sequence 9 from Patent WO9508000.
ACCESSION A43784
VERSION A43784.1 GI:2298962
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE
1 (bases 1 to 30)
Mandrand, B., Gros, P., Delat, T., Charles, M., Exout, M. and Pichot, C.
REAGENT AND METHOD FOR THE DETECTION OF A NUCLEOTIDE SEQUENCE WITH SIGNAL AMPLIFICATION
Patent: WO 9508000-A 9 23-MAR-1995;
BIO MERIEUX (FR)
Other publication CA 2149315 950323
Other publication FR 2710075 950324.
Location/Qualifiers
1. 30
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

COMMENT
JOURNAL

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAATGAAA 5421
DB 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 13
LOCUS A62991 30 bp DNA linear PAT 12-MAR-1998
DEFINITION Sequence 3 from Patent WO9720068.
ACCESSION A62991
VERSION A62991.1 GI:3716863
KEYWORDS
SOURCE unidentified
ORGANISM unidentified.
REFERENCE 1
AUTHORS Oertum,H. and Seeger,C.
TITLE METHOD FOR GENERATING MULTIPLE DOUBLE STRANDED NUCLEIC ACIDS
JOURNAL Patent: WO 9720068-A 3 05-JUN-1997;
BOHRINGER MANNHEIM GMBH (DE)
FEATURES
source 1..30
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAATGAAA 5421
DB 30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 14
LOCUS A62995 30 bp DNA linear PAT 12-MAR-1998
DEFINITION Sequence 7 from Patent WO9720068.
ACCESSION A62995
VERSION A62995.1 GI:3716867
KEYWORDS
SOURCE unidentified
ORGANISM unidentified.
REFERENCE 1
AUTHORS Oertum,H. and Seeger,C.
TITLE METHOD FOR GENERATING MULTIPLE DOUBLE STRANDED NUCLEIC ACIDS
JOURNAL Patent: WO 9720068-A 7 05-JUN-1997;
BOHRINGER MANNHEIM GMBH (DE)
FEATURES
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAATGAAA 5421
DB 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 15
LOCUS AR179066 30 bp DNA linear PAT 16-MAY-2002
DEFINITION Sequence 3 from patent US 6326143.

ACCESSION AR179066
VERSION AR179066.1 GI:20220621
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1
AUTHORS Oertum,H. and Seeger,C.
TITLE Method for generating multiple double stranded nucleic acids
JOURNAL Patent: US 6326143-A 3 04-DEC-2001;
FEATURES
source 1..30
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAATGAAA 5421
DB 30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 16
LOCUS AR179070 30 bp DNA linear PAT 16-MAY-2002
DEFINITION Sequence 7 from patent US 6326143.
ACCESSION AR179070
VERSION AR179070.1 GI:20220625
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 30)
AUTHORS Oertum,H. and Seeger,C.
TITLE Method for generating multiple double stranded nucleic acids
JOURNAL Patent: US 6326143-A 7 04-DEC-2001;
FEATURES
source 1..30
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAATGAAA 5421
DB 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 17
LOCUS BD181358 30 bp DNA linear PAT 15-MAY-2003
DEFINITION Novel fluorescent colorant and method of assaying nucleic acid.
ACCESSION BD181358
VERSION BD181358.1 GI:30792276
KEYWORDS JP 2002327130-A/1.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 30)
AUTHORS Tokunaga,T., Ishiguro,T. and Horie,R.
TITLE Novel fluorescent colorant and method of assaying nucleic acid
JOURNAL Patent: JP 2002327130-A 1 15-NOV-2002;
TOSOH CORP
OS Artificial Sequence
PN JP 2002327130-A/1
PD 15-NOV-2002
PI TAKUMI TOKUNAGA,TAKAHIKO ISHIGURO,RYUICHI HORIE PC
C09B23/00,C07D417/14,C07H21/04,C09K11/06,C12N15/09,C12Q1/68, PC

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G01N33/58,
PC C12N15/00
CC d130mer
FH Key
FT source
Location/Qualifiers
1.30
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FEATURES
source
1.30
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/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 82.8%; Score 21; DB 1; Length 30;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAATGAAA 5421
Db 30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 18
BD181359 30 bp DNA linear PAT 15-MAY-2003
LOCUS Novel fluorescent colorant and method of assaying nucleic acid.
DEFINITION BD181359
ACCESSION BD181359
VERSION JP 2002327130-A/2.
KEYWORDS BD181359.1 GI:30792277
SOURCE JP 2002327130-A/2.
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 30)
AUTHORS Tokunaga,T., Ishiguro,T. and Horie,R.
TITLE Novel fluorescent colorant and method of assaying nucleic acid
JOURNAL Patent: JP 2002327130-A 2 15-NOV-2002;
TOSOH CORP
OS Artificial Sequence
COMMENT PN JP 2002327130-A/2
PD 15-NOV-2002 JP 2002005267
PF 11-JAN-2002 JP 2002005267
PI TAKUMI TOKUNAGA, TAKAHIRO ISHIGURO, RYUICHI HORIE PC
C09923/00, C07D417/14, C07H21/04, C09K11/06, C12N15/09, C12Q1/68, PC
G01N33/58,
PC C12N15/00
CC dA30mer
FH Key
FT source
Location/Qualifiers
1.30
/organism="Artificial Sequence".
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1.30
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/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 82.8%; Score 21; DB 1; Length 30;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAATGAAA 5421
Db 30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 19
E04638 30 bp RNA linear PAT 29-SEP-1997
LOCUS Synthesized oligoribonucleotides of more than 20 mers.
DEFINITION E04638
ACCESSION E04638
VERSION JP 1992330093-A/2.
KEYWORDS JP 1992330093-A/2.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

```

```

REFERENCE 1 (bases 1 to 30)
AUTHORS Tanimura,H. and Imada,M.
TITLE PRODUCTION OF OLIGORIBONUCLEOTIDE
JOURNAL Patent: JP 1992330093-A 2 18-NOV-1992;
TAKEDA CHEM IND LTD
COMMENT OC Artificial gene
OS Artificial sequence; Genes.
PN JP 1992330093-A/2
PD 18-NOV-1992
PF 07-JUN-1991 JP 1991136086
PR 20-JUL-1990 JP 90P 190762
PI TANIMURA HIROSHI, IMADA MICHIO
PC C07H21/02;
CC strandedness: Single;
CC topology: Linear;
FH Key
FT source
Location/Qualifiers
1.30
/misc_feature 1.30
units /note="suitably selected protection of RNA FT
FEATURES
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1.30
Location/Qualifiers
1.30
/organism="synthetic construct"
/mol_type="genomic RNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 82.8%; Score 21; DB 1; Length 30;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAATGAAA 5421
Db 30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 20
I84450 30 bp DNA linear PAT 04-APR-1998
LOCUS Sequence 9 from patent US 5695936.
DEFINITION I84450
ACCESSION I84450
VERSION I84450.1 GI:3021970
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 30)
AUTHORS Mandrand,B., Cros,P., Delair,T., Charles,M.-H., Erout,M.-N. and
Pichot,C.
TITLE Reagent and method for the detection of a nucleotide sequence with
signal amplification
JOURNAL Patent: US 5695936-A 9 09-DEC-1997;
FEATURES
source
1.30
Location/Qualifiers
1.30
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 82.8%; Score 21; DB 1; Length 30;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAATGAAA 5421
Db 30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 21
AX089778 30 bp DNA linear PAT 21-MAR-2001
LOCUS Sequence 18 from Patent WO0116170.
DEFINITION AX089778
ACCESSION AX089778
VERSION AX089778.1 GI:13443950
KEYWORDS

```

SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Reed,J.C.
TITLE Card proteins involved in cell death regulation
JOURNAL Patent: WO 0116170-A 18 08-MAR-2001;
The Burnham Institute (US)
FEATURES
source 1..30
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 100.0%; Pred.No. 83;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4847 GCTTGGCTGACCTCTTTG 4867
Db 30 GCTTGGCTGACCTCTTTG 10

RESULT 22
AX104902/c 30 bp DNA linear PAT 30-APR-2001
LOCUS AX104902
DEFINITION Sequence 1094 from Patent WO0122972.
ACCESSION AX104902
VERSION AX104902.1 GI:13921099
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 1094 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
FEATURES
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred.No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5393 AAAAAATTCAAAAAGAAAAATGAAA 5421
Db 30 AAAAAATTCAAAAAGAAAAATGAAA 2

RESULT 23
AX104903 30 bp DNA linear PAT 30-APR-2001
LOCUS AX104903
DEFINITION Sequence 1095 from Patent WO0122972.
ACCESSION AX104903
VERSION AX104903.1 GI:13921100
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 1095 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
FEATURES
source 1..30
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"

source 1..30
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred.No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5393 AAAAAATTCAAAAAGAAAAATGAAA 5421
Db 1 AAAAAATTCAAAAAGAAAAATGAAA 29

RESULT 24
AX474673/c 30 bp DNA linear PAT 12-AUG-2002
LOCUS AX474673
DEFINITION Sequence 1 from Patent EP1223226.
ACCESSION AX474673
VERSION AX474673.1 GI:22214013
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Tokunaga,T., Ishiguro,T. and Horie,R.
TITLE Novel fluorescent dye and method of measuring nucleic acid
JOURNAL Patent: EP 1223226-A 1 17-JUL-2002;
Tosoh Corporation (JP)
FEATURES
source 1..30
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Artificial"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred.No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5393 AAAAAATTCAAAAAGAAAAATGAAA 5421
Db 30 AAAAAATTCAAAAAGAAAAATGAAA 2

RESULT 25
AX474674 30 bp DNA linear PAT 12-AUG-2002
LOCUS AX474674
DEFINITION Sequence 2 from Patent EP1223226.
ACCESSION AX474674
VERSION AX474674.1 GI:22214014
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Tokunaga,T., Ishiguro,T. and Horie,R.
TITLE Novel fluorescent dye and method of measuring nucleic acid
JOURNAL Patent: EP 1223226-A 2 17-JUL-2002;
Tosoh Corporation (JP)
FEATURES
source 1..30
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Artificial"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred.No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5393 AAAAAATTCAAAAAGAAAAATGAAA 5421


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Db      1  ||||| ||||| ||||| |||||
1  AAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 26
AX521609/c      30 bp  DNA      linear  PAT 05-OCT-2002
LOCUS      AX521609
DEFINITION      Sequence 115 from Patent WO0222874.
ACCESSION      AX521609
VERSION      AX521609.1  GI:23572654
KEYWORDS
SOURCE      .
ORGANISM      synthetic construct
              synthetic construct
              artificial sequences.
REFERENCE      1
AUTHORS      Utermohlen,J.G. and Comaughton,J.
TITLE      Oligonucleotides for labeling oligonucleotide probes and proteins
JOURNAL      Patent: WO 0222874-A 115 21-MAR-2002;
              VENTANA MEDICAL SYSTEMS, INC. (US)
FEATURES
source      1..30
              /organism="synthetic construct"
              /mol_type="unassigned DNA"
              /db_xref="taxon:32630"
              /note="oligonucleotide probe"

Query Match      0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      5393  AAAAAAAAAAGAAAAATGAAA 5421
Db      30  AAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 27
BD105776      30 bp  DNA      linear  PAT 27-AUG-2002
LOCUS      BD105776
DEFINITION      Conjugates of biologically stable polymers and polynucleotides for
              treating systemic lupus erythematosus.
ACCESSION      BD105776
VERSION      BD105776.1  GI:22651350
KEYWORDS      JP 2001354569-A/1.
SOURCE      synthetic construct
              synthetic construct
              artificial sequences.
REFERENCE      1 (bases 1 to 30)
AUTHORS      Conzed,M.J. and Coutre,S.
TITLE      Conjugates of biologically stable polymers and polynucleotides for
              treating systemic lupus erythematosus
JOURNAL      Patent: JP 2001354569-A 1 25-DEC-2001;
              LA JOLLA PHARMACEUTICAL CO
COMMENT      OS Artificial Sequence
              PN JP 2001354569-A/1
              PD 25-DEC-2001
              PR 04-APR-2001  JP 2001106534
              PR 16-JAN-1990  US 466138,13-MAR-1990  US 494118  PI
              MICHAEL J CONRAD,STEPHEN COULTS
              PC A61K31/7088,A61K47/48,A61P37/02,C07K14/00,C12N15/00,C12N15/00
              CC Synthetic Construct
              FH Key Location/Qualifiers
              FT source 1..30
              Location/Qualifiers
              1..30
              /organism="Artificial Sequence".
              Location/Qualifiers
              1..30
              /organism="synthetic construct"
              /mol_type="genomic DNA"
              /db_xref="taxon:32630"

Query Match      0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
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QY      5393  AAAAAAAAAAGAAAAATGAAA 5421
Db      1  AAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 28
BD132851/c      30 bp  DNA      linear  PAT 18-SEP-2002
LOCUS      BD132851
DEFINITION      Methods of nucleic acid detection.
ACCESSION      BD132851
VERSION      BD132851.1  GI:23227796
KEYWORDS      JP 2002509443-A/2.
SOURCE      synthetic construct
              synthetic construct
              artificial sequences.
REFERENCE      1 (bases 1 to 30)
AUTHORS      Weisburg,W.G., Stull,P.D. and Reshatoff,M.R.
TITLE      Methods of nucleic acid detection
JOURNAL      Patent: JP 2002509443-A 2 26-MAR-2002;
              GEN PROBE INC
COMMENT      OS Artificial Sequence
              PN JP 2002509443-A/2
              PD 26-MAR-2002
              PP 30-OCT-1998  JP 1999526687
              PR 31-OCT-1997  US 60/063969
              PI WILLIAM G WEISBURG,PAUL D STULL,MICHAEL R RESHATOFF PC
              C12Q1/68
              CC Description of Artificial Sequence: synthetic oligonucleotide
              FH Key Location/Qualifiers
              Location/Qualifiers
              1..30
              /organism="synthetic construct"
              /mol_type="genomic DNA"
              /db_xref="taxon:32630"

Query Match      0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      5393  AAAAAAAAAAGAAAAATGAAA 5421
Db      30  AAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 29
AX455497      24 bp  RNA      linear  PAT 06-JUL-2002
LOCUS      AX455497
DEFINITION      Sequence 4 from Patent WO0216596.
ACCESSION      AX455497
VERSION      AX455497.1  GI:21714575
KEYWORDS
SOURCE      .
ORGANISM      synthetic construct
              synthetic construct
              artificial sequences.
REFERENCE      1
AUTHORS      Guo,P., Hoepflich,S.M. and Shu,D.
TITLE      Prna chimera
JOURNAL      Patent: WO 0216596-A 4 28-FEB-2002;
              Purdue Research Foundation (US)
FEATURES
source      1..24
              Location/Qualifiers
              1..24
              /organism="synthetic construct"
              /mol_type="unassigned RNA"
              /db_xref="taxon:32630"

Query Match      0.4%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 76;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

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RESULT 30
AR241865/c 27 bp DNA linear PAT 20-DEC-2002
LOCUS AR241865 Sequence 153 from patent US 6472154.
DEFINITION AR241865
ACCESSION AR241865
VERSION AR241865.1 GI:27287677
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 27)
  Unclassified.
AUTHORS Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
TITLE Polymorphic repeats in human genes
JOURNAL Patent: US 6472154-A 153 29-OCT-2002;
FEATURES
  source
    /organism="unknown"
    /mol_type="genomic DNA"

Query Match 0.4%; Score 20.6; DB 1; Length 27;
Best Local Similarity 85.2%; Pred. No. 89;
Matches 23; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5389 AATTAAAAATTCATAAAAAAGAAAAA 5415
Db 27 AATATAAAAAATTCATAAAAAA 1

RESULT 31
AX116188/c 25 bp DNA linear PAT 11-MAY-2001
LOCUS AX116188 Sequence 1311 from Patent WO0129262.
DEFINITION AX116188
ACCESSION AX116188
VERSION AX116188.1 GI:14033130
KEYWORDS
SOURCE
  . synthetic construct
  . synthetic construct
  . artificial sequences.
ORGANISM
REFERENCE
  1
  Picoult-Newburg,L. and Pohl,M.
  Genotyping reagents, kits and methods of use thereof
  Patent: WO 0128262-A 1311 26-APR-2001;
  Orchid Biosciences, Inc. (US)
  Location/Qualifiers
    1..25
    /organism="synthetic construct"
    /mol_type="unassigned DNA"
    /db_xref="taxon:32630"
    /note="Primer"

FEATURES
  source

Query Match 0.4%; Score 20.2; DB 1; Length 25;
Best Local Similarity 88.0%; Pred. No. 98;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATTCATAAAAAAGAAAAATG 5417
Db 25 AAAAAAATTCATAAAAAAATG 1

RESULT 32
HSPCR50R/c 28 bp DNA linear PRI 30-APR-1993
LOCUS HSPCR50R H.sapiens dystrophin exon 50 PCR primer, 50R.
DEFINITION X65354
ACCESSION X65354
VERSION X65354.1 GI:35348
KEYWORDS
SOURCE
  PCR.
  Homo sapiens (human)
  Homo sapiens
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
  1 (bases 1 to 28)
  Beggs,A.H., Koenig,M., Boyce,F.M. and Kunzel,L.M.

REFERENCE
  AUTHORS
  JOURNAL
  TITLE
  JOURNAL
  LOCATION/Qualifiers
  1..27
  /organism="unknown"
  /mol_type="genomic DNA"

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TITLE
JOURNAL
MEDLINE
PUBMED
COMMENT
  Detection of 98% of DMD/BMD gene deletions by polymerase chain
  reaction
  Hum. Genet. 86 (1), 45-48 (1990)
  91071736
  2253937
  PCR reactions using reagents from Perkin-Elmer Cetus GeneAmp kits
  (Norwalk, Conn.) contained 0.5ul of each primer (e.g.
  0.5uM), 5 units Taq polymerase and 250ng genomic DNA per 50ul
  reaction. In practice, all primers for a given reaction were
  generally premixed and stored in aliquots. Each set of reactions
  was always prepared as a master mix and aliquots added to 0.5ml
  microfuge tubes before addition of water and template to a final
  volume of 50ul. These were overlain with 25ul mineral oil and
  incubated in either a Perkin-Elmer Cetus (Norwalk, Conn.) thermal
  cycler or an MJ Research (Watertown, Mass.) thermal controller as
  follows: 94oC, 7min to denature, followed by 25 cycles of 94oC, 30s
  (to denature); 65oC, 4min (to anneal and elongate) with the last
  annealing/elongation step for 10min. PCR products were scored at
  4oC for up to several days prior to analysis.
  Location/Qualifiers
    1..28
    /organism="Homo sapiens"
    /mol_type="genomic DNA"
    /db_xref="taxon:9606"
    /chromosome="X"
    /map="xp21"
    /cell_type="leukocyte"
    /tissue_type="peripheral blood"
    /note="Allele: DMD/BMD"

FEATURES
  source
    /organism="Homo sapiens"
    /mol_type="genomic DNA"
    /db_xref="taxon:9606"

Query Match 0.4%; Score 20; DB 1; Length 28;
Best Local Similarity 82.1%; Pred. No. 1.2e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 2551 CTGTTAGTGATGAGCGGAGAGAGAGA 2578
Db 28 CTATGAGTGATGACTGGGTGAGAGAGA 1

RESULT 33
AX184200/c 28 bp DNA linear PAT 06-AUG-2001
LOCUS AX184200 Sequence 1953 from Patent WO0142511.
DEFINITION AX184200
ACCESSION AX184200
VERSION AX184200.1 GI:15135543
KEYWORDS
SOURCE
  . Homo sapiens (human)
  Homo sapiens
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
  1
  Daly,M., Hudson,T.J., Lander,E.S., Rioux,J. and Siminovitch,K.
  Ibid.-related polymorphisms
  Patent: WO 0142511-A 1953 14-JUN-2001;
  WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Ellipse
  Biotherapeutics Corporation (CA)
  Location/Qualifiers
    1..28
    /organism="Homo sapiens"
    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"

FEATURES
  source

Query Match 0.4%; Score 19.8; DB 1; Length 28;
Best Local Similarity 87.5%; Pred. No. 1.2e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1177 ATCAGAGAAAGAGAGAGAGAAA 1200
Db 26 ATCAGAGAGAGAGAGAGAGAGA 3

RESULT 34
AX427136

```

LOCUS AX427136 28 bp DNA linear PAT 18-JUN-2002
DEFINITION Sequence 36 from Patent WO0196559.
ACCESSION AX427136
VERSION AX427136.1 GI:21530519
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
AUTHORS 1 Ellington, A.D., Hesselberth, J., Marshall, K., Robertson, M.,
Soccer, L., Davidson, E., Cox, J.C. and Reidel, T.
TITLE Reglatable, catalytically active nucleic acids
JOURNAL Patent: WO 019659-A 36 20-DEC-2001;
Board of Regents, The University of Texas System (US)
FEATURES
source 1.28
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.4%; Score 19.4; DB 1; Length 28;
Best Local Similarity 84.6%; Pred. No. 1.3e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5394 AAAAAATACAAAAGAAAAATGAA 5419
Db 1 AAAAAAAAAAAAAAAAAAAAAATGCA 26

RESULT 35
LOCUS AX083691 21 bp DNA linear PAT 28-FEB-2001
DEFINITION Sequence 5 from Patent WO0110468.
ACCESSION AX083691
VERSION AX083691.1 GI:13185419
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
AUTHORS 1 Papisov, M.I.
TITLE Drug-carrier complexes and methods of use thereof
JOURNAL Patent: WO 0110468-A 5 15-FEB-2001;
THE GENERAL HOSPITAL CORPORATION (US)
FEATURES
source 1.21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Oligonucleotide"

Query Match 0.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
Db 21 AGAGAGAGAGAGAGAGAAA 1

RESULT 36
LOCUS AX083696 21 bp DNA linear PAT 28-FEB-2001
DEFINITION Sequence 10 from Patent WO0110468.
ACCESSION AX083696
VERSION AX083696.1 GI:13185424
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
AUTHORS 1 Papisov, M.I.

TITLE Drug-carrier complexes and methods of use thereof
JOURNAL Patent: WO 0110468-A 10 15-FEB-2001;
THE GENERAL HOSPITAL CORPORATION (US)
FEATURES
source 1.21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Oligonucleotide"

Query Match 0.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
Db 21 AGAGAGAGAGAGAGAGAAA 1

RESULT 37
LOCUS AX083692 22 bp DNA linear PAT 28-FEB-2001
DEFINITION Sequence 6 from Patent WO0110468.
ACCESSION AX083692
VERSION AX083692.1 GI:13185420
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
AUTHORS 1 Papisov, M.I.
TITLE Drug-carrier complexes and methods of use thereof
JOURNAL Patent: WO 0110468-A 6 15-FEB-2001;
THE GENERAL HOSPITAL CORPORATION (US)
FEATURES
source 1.22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Oligonucleotide"

Query Match 0.4%; Score 19.4; DB 1; Length 22;
Best Local Similarity 95.2%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
Db 1 AGAGAGAGAGAGAGAGAAA 21

RESULT 38
LOCUS BD056964 25 bp DNA linear PAT 27-AUG-2002
DEFINITION Sets of labeled energy transfer fluorescent primers and their use
in multi component analysis.
ACCESSION BD056964
VERSION BD056964.1 GI:22602570
KEYWORDS UP 2001509271-A/1.
SOURCE Arabidopsis thaliana (thale cress)
ORGANISM Arabidopsis thaliana
Bukariyola; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsids.
1 (bases 1 to 25)
REFERENCE
AUTHORS 1 Ju, J.
TITLE Sets of labeled energy transfer fluorescent primers and their use
in multi component analysis
JOURNAL Patent: JP 2001509271-A 1 10-JUL-2001;
INCYTE PHARMACEUTICALS INC
COMMENT PN UP 2001509271-A/1
PD 10-JUL-2001
PR 12-DEC-1997 JP 1998534358
PR 15-JAN-1997 US 08/784162

PI JINGTUB JU
 PC G01N21/78;C12N15/09;C12Q1/68;C12N15/00
 CC Strandedness: Single;
 CC Topology: Linear;
 FH Key Location/Qualifiers.

1.25
 /organism="Arabidopsis thaliana"
 /mol_type="genomic DNA"
 /db_xref="taxon:3702"

Query Match 0.4%; Score 19.2; DB 1; Length 25;
 Best Local Similarity 87.5%; Pred. No. 1.5e+02;
 Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAAGAAAAA 5415
 DB 24 TAAAAAAAAAAAAAAAAAAAAA 1

RESULT 39
 AS1713/c
 LOCUS AS1713 26 bp DNA linear PAT 10-MAR-1997
 DEFINITION Sequence 19 from Patent WO9618744.
 ACCESSION AS1713
 VERSION AS1713.1 GI:2304517
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified

REFERENCE 1 (bases 1 to 26)
 Crouzet,J., Scherman,D. and Wils,P.
 PURIFICATION OF A TRIPLE HELIX FORMATION WITH AN IMMOBILIZED OLIGONUCLEOTIDE
 PATENT: NO 9618744-A 19 20-JUN-1996;
 RHONE POULENC RORER SA (FR)
 Other publication AU 417896 960703
 Other publication FR 2728264 960621.
 Location/Qualifiers

1.26
 /organism="unidentified"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32644"

Query Match 0.4%; Score 19.2; DB 1; Length 26;
 Best Local Similarity 87.5%; Pred. No. 1.5e+02;
 Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAATCA 1203
 DB 26 AGAGAGAGAGAGAGAGAGAGCA 3

RESULT 40
 AR167592/c
 LOCUS AR167592 26 bp DNA linear PAT 17-DEC-2001
 DEFINITION Sequence 19 from patent US 6287762.
 ACCESSION AR167592
 VERSION AR167592.1 GI:11903381
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 26)
 Crouzet,J., Scherman,D. and Wils,P.
 Purification of a triple helix formation with an immobilized oligonucleotide
 Patent: US 6287762-A 19 11-SEP-2001;
 Location/Qualifiers

1.26
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.4%; Score 19.2; DB 1; Length 26;
 Best Local Similarity 87.5%; Pred. No. 1.5e+02;
 Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAATCA 1203
 DB 26 AGAGAGAGAGAGAGAGAGAGCA 3

RESULT 41
 AR174581/c
 LOCUS AR174581 26 bp DNA linear PAT 17-DEC-2001
 DEFINITION Sequence 38 from patent US 6307024.
 ACCESSION AR174581
 VERSION AR174581.1 GI:17914901
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 26)
 Novak,J.B., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D.,
 Gross,J.A., Johnston,J.V., Nelson,A.J., Dillon,S.R. and
 Hammond,A.K.
 Cytokine zaldiphal ligand
 Patent: US 6307024-A 38 23-OCT-2001;
 Location/Qualifiers

1.26
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.4%; Score 19.2; DB 1; Length 26;
 Best Local Similarity 87.5%; Pred. No. 1.5e+02;
 Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAAGAAAAA 5415
 DB 26 TAAAAAAAAAAAAAAAAAAAAA 3

RESULT 42
 AR178302/c
 LOCUS AR178302 26 bp DNA linear PAT 20-APR-2002
 DEFINITION Sequence 19 from patent US 6319672.
 ACCESSION AR178302
 VERSION AR178302.1 GI:20219440
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 26)
 Crouzet,J., Scherman,D., Wils,P., Blanche,F. and Cameron,B.
 Purification of a triple helix formation with an immobilized oligonucleotide
 Patent: US 6319672-A 19 20-NOV-2001;
 Location/Qualifiers

1.26
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.4%; Score 19.2; DB 1; Length 26;
 Best Local Similarity 87.5%; Pred. No. 1.5e+02;
 Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAATCA 1203
 DB 26 AGAGAGAGAGAGAGAGAGAGCA 3

RESULT 43
 BD248974/c
 LOCUS BD248974 26 bp DNA linear PAT 17-JUL-2003
 DEFINITION Novel cytokine ZALPHAL1 ligand.
 ACCESSION BD248974

VERSION BD248974.1 GI:33058744
KEYWORDS JP 2002537839-A/35.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 26)
AUTHORS Novak,J.E., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D.,
Gross,J.A., Johnston,J.V., Nelson,A.J., Dillon,S.R. and
Hammond,A.K.
TITLE Novel cytokine ZALPHA11 ligand
JOURNAL Patent: JP 2002537839-A 35 12-NOV-2002;
COMMENT ZYMOGENETICS INC
OS Artificial Sequence
PN JP 2002537839-A/35
PD 12-NOV-2002
PP 09-MAR-2000 JP 200603382
PR 09-MAR-1999 US 09/264908,11-MAR-1999 US 09/265992 PR
PI JUL-1999 US 60/142013
PI JULIA E NOVAK,SCOTT R PRESNELL,CINDY A SPRECHER,DONALD C PI
FOSTER,
PI RICHARD D HOLLY,JANE A GROSS,JANET V JOHNSTON,ANDREW J NELSON,
PI STACEY R DILLON,ANGELA K HAMMOND
PC C12N15/09,A61K38/00,A61K45/00,A61P37/00,C07K14/52,
PC C07K14/53,
PC C07K14/54,C07K14/55,C07K16/24,C07K19/00,C12N1/15,C12N1/19, PC
C12N1/21,
PC C12N5/10,C12P21/02,C12P21/02,G01N33/53,C12N15/00,C12N5/00, PC
A61K37/02
CC Oligonucleotide primer ZC7764a
FH Key Location/Qualifiers
FT source 1..26
/organism='Artificial Sequence'.
FEATURES
source 1..26
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAAGAAAAA 5415
DB 26 TAAAAAATACAAAAAGAAAAA 3

RESULT 44
LOCUS I79494 26 bp DNA linear PAT 10-JUN-1998
DEFINITION Sequence 1 from patent US 5707807.
ACCESSION I79494
VERSION I79494.1 GI:3207784
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS Kato,K.
TITLE Molecular indexing for expressed gene analysis
JOURNAL Patent: US 5707807-A 1 13-JAN-1998;
FEATURES
source 1..26
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAAGAAAAA 5415
DB 26 TAAAAAATACAAAAAGAAAAA 3

RESULT 45
LOCUS AR263648/c 26 bp DNA linear PAT 29-JUN-2003
DEFINITION Sequence 7 from patent US 6331413.
ACCESSION AR263648
VERSION AR263648.1 GI:28075581
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS Adler,D.A. and Sheppard,P.O.
TITLE Secreted salivary ZS1G3 Polypeptide
JOURNAL Patent: US 6331413-A 7 18-DEC-2001;
FEATURES
source 1..26
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAAGAAAAA 5415
DB 26 TAAAAAATACAAAAAGAAAAA 3

RESULT 46
LOCUS AR374073/c 26 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 38 from patent US 6605272.
ACCESSION AR374073
VERSION AR374073.1 GI:40076645
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS Novak,J.E., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D.,
Gross,J.A., Johnston,J.V., Nelson,A.J., Dillon,S.R. and
Hammond,A.K.
TITLE Methods of using zalpahal1 ligand
JOURNAL Patent: US 6605272-A 38 12-AUG-2003;
FEATURES
source 1..26
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAAGAAAAA 5415
DB 26 TAAAAAATACAAAAAGAAAAA 3

RESULT 47
LOCUS AR456223/c 26 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 38 from patent US 6686178.
ACCESSION AR456223
VERSION AR456223.1 GI:42691246
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS Novak,J.E., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D.,
Gross,J.A., Johnston,J.V., Nelson,A.J., Dillon,S.R. and

TITLE Hammond,A.K.
JOURNAL Cytokine zalphal1 ligand polynucleotides
FEATURES Patent: US 6686178-A 38 03-FEB-2004;
source Location/Qualifiers
1..26
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATTCAGAAAAAGAAAAA 5415
DB 26 TAAAAAATTCAGAAAAAGAAAAA 3

RESULT 48
AX106717/c 26 bp DNA linear PAT 30-APR-2001
LOCUS
DEFINITION Sequence 9 from Patent WO0125444.
ACCESSION AX106717
VERSION AX106717.1 GI:13922378
KEYWORDS
SOURCE . synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Presnell,S.R., Novak,J.E. and Gao,Z.
TITLE Human phosphodiesterase zcytor13
JOURNAL Patent: WO 0125444-A 9 12-APR-2001;
ZymoGenetics, Inc. (US)
FEATURES Location/Qualifiers
1..26
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide primer ZC7764b"

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATTCAGAAAAAGAAAAA 5415
DB 26 TAAAAAATTCAGAAAAAGAAAAA 3

RESULT 49
AX323384/c 26 bp DNA linear PAT 07-JAN-2002
LOCUS
DEFINITION Sequence 19 from Patent WO0192511.
ACCESSION AX323384
VERSION AX323384.1 GI:18094146
KEYWORDS . synthetic construct
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Crouzet,J., Scherman,D., Wils,P., Blanche,F. and Cameron,B.
TITLE Purification of a triple helix formation with an immobilized
JOURNAL oligonucleotide
Patent: WO 0192511-A 19 06-DEC-2001;
Aventis Pharma (FR)
FEATURES Location/Qualifiers
1..26
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic oligonucleotide"

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;

Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1180 AGAGAAAGAGAGAGAGAAATCA 1203
DB 26 AGAGAGAGAGAGAGAGAGAGCA 3

RESULT 50
AX686854/c 26 bp DNA linear PAT 29-MAR-2003
LOCUS
DEFINITION Sequence 19 from Patent EP1281774.
ACCESSION AX686854
VERSION AX686854.1 GI:29372395
KEYWORDS . unidentified
SOURCE unidentified
ORGANISM unidentified

REFERENCE 1
AUTHORS Crouzet,J., Scherman,D. and Wils,P.
TITLE Purification of a triple helix formation with an immobilized
JOURNAL oligonucleotide
Patent: EP 1281774-A 19 05-FEB-2003;
Aventis Pharma S.A. (FR)
FEATURES Location/Qualifiers
1..26
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAATCA 1203
DB 26 AGAGAGAGAGAGAGAGAGAGCA 3

RESULT 51
S6486253 27 bp DNA linear PRI 17-DEC-1993
LOCUS
DEFINITION alpha 1-theta 1 globin intergenic region (3' alpha 1-Alu 1 repeat)
[Hyllobates sp.=gibbons, Genomic, 27 nt, segment 3 of 5].
ACCESSION S64864
VERSION S64864.1 GI:415419
KEYWORDS . 3 of 5
SEGMENT
SOURCE Hyllobates sp. (gibbon)
ORGANISM Hyllobates sp.
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hyllobatidae; Hyllobates.
TITLE 1 (bases 1 to 27)
JOURNAL Sequential insertion of Alu family repeats into specific genomic
Proc. Natl. Acad. Sci. U.S.A. 90 (15), 7205-7209 (1993)
MEDLINE 8394013
PUBMED
REMARK Genbank staff at the National Library of Medicine created this
entry [NCBI gdbseq 13653] from the original journal article.
FEATURES Location/Qualifiers
1..27
/organism="Hyllobates sp."
/mol_type="genomic DNA"
/db_xref="taxon:9581"

Query Match 0.4%; Score 19.2; DB 1; Length 27;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATTCAGAAAAAGAAAAAT 5416
DB 3 AAAAAAATTCAGAAAAAGAAAAAT 26

```
RESULT 52
AR090983/c 27 bp DNA linear PAT 07-SEP-2000
LOCUS AR090983
DEFINITION Sequence 1103 from patent US 5994076.
ACCESSION AR090983
VERSION AR090983.1 GI:10017738
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 27)
AUTHORS Chenchik,A., Jokhadze,G. and Bibilashvili,R.
TITLE Methods of assaying differential expression
JOURNAL Patent: US 5994076-A 1103 30-NOV-1999;
FEATURES
source
/mol_type="unassigned DNA"
/organism="unknown"

Query Match 0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 1.6e+02;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 118 CTTGCAGCTCAAGGCTGATCTCAGGA 144
Db 27 CTTGCCGCTCAAGGATTGAGATGAGGA 1

RESULT 53
E04985 27 bp DNA linear PAT 29-SEP-1997
LOCUS E04985
DEFINITION DNA sequence of 3' terminal fragment of ITR.
ACCESSION E04985
VERSION E04985.1 GI:2173180
KEYWORDS JP 1993103673-A/79.
SOURCE synthetic construct
ORGANISM artificial construct.
REFERENCE 1 (bases 1 to 27)
AUTHORS Sengu,K.Y. and Ito,S.
TITLE REPLICATION OF DNA
JOURNAL Patent: JP 1993103673-A 79 27-APR-1993;
COMMENT ARIZONA BOARD OF REGENTS
OS Artificial gene
OC Artificial sequence; Genes.
PN JP 1993103673-A/79
PD 27-APR-1993
PF 26-AUG-1991 JP 1991240525
PI SENGU KUU YUU, ITO SUMIYOSHI
PC C12N15/10,C12N15/11//C12Q1/68;
CC strandedness: Single;
CC topology: linear;
FH Key
FT misc_feature 1..27
FT Location/Qualifiers
1..27
location/Qualifiers
1..27
/organism="synthetic construct"
/mol_type="genomic DNA"
/DB_xref="taxon:32630"

Query Match 0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 1.6e+02;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5389 AATTAAAAAATTCAGAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 27

FEATURES
source
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RESULT 54
AR198018/c 27 bp DNA linear PAT 20-APR-2002
LOCUS AR198018
DEFINITION Sequence 1103 from patent US 6352829.
ACCESSION AR198018
VERSION AR198018.1 GI:20247867
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 27)
AUTHORS Chenchik,A., Jokhadze,G. and Bibilashvili,R.
TITLE Methods of assaying differential expression
JOURNAL Patent: US 6352829-A 1103 05-MAR-2002;
FEATURES
source
/mol_type="unassigned DNA"
/organism="unknown"

Query Match 0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 1.6e+02;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 118 CTTGCAGCTCAAGGCTGATCTCAGGA 144
Db 27 CTTGCCGCTCAAGGATTGAGATGAGGA 1

RESULT 55
AR260172/c 27 bp DNA linear PAT 20-DEC-2002
LOCUS AR260172
DEFINITION Sequence 1103 from patent US 6489455.
ACCESSION AR260172
VERSION AR260172.1 GI:27310683
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 27)
AUTHORS Chenchik,A., Jokhadze,G. and Bibilashvili,R.
TITLE Methods of assaying differential expression
JOURNAL Patent: US 6489455-A 1103 03-DEC-2002;
FEATURES
source
/mol_type="unassigned DNA"
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 1.6e+02;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 118 CTTGCAGCTCAAGGCTGATCTCAGGA 144
Db 27 CTTGCCGCTCAAGGATTGAGATGAGGA 1

RESULT 56
AX104719/c 27 bp DNA linear PAT 30-APR-2001
LOCUS AX104719
DEFINITION Sequence 911 from Patent WO0122972.
ACCESSION AX104719
VERSION AX104719.1 GI:13920916
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 911 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
FEATURES
Location/Qualifiers
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source
1. .27
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match
0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 1.6e+02;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5389 AATTAAAAAATACAAAAAGAAAAA 5415
Db 27 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 57
AX355814/c 27 bp DNA linear PAT 06-FEB-2002
LOCUS Sequence 842 from Patent WO0197843.
ACCESSION AX355814
VERSION AX355814.1 GI:18620482
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
1 Weiner,G. and Hartmann,G.
AUTHORS Methods for enhancing antibody-induced cell lysis and treating
TITLE cancer
JOURNAL Patent: WO 0197843-A 842 27-DEC-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
FEATURES
source
1. .27
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notice="Synthetic oligonucleotide-phosphorothioate backbone"

Query Match
0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 1.6e+02;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5389 AATTAAAAAATACAAAAAGAAAAA 5415
Db 27 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 58
AX547772 27 bp DNA linear PAT 01-MAR-2003
LOCUS Sequence 911 from Patent WO02053141.
DEFINITION AX547772
ACCESSION AX547772
VERSION AX547772.1 GI:25812916
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
1 Bratzler,R.L.
AUTHORS Inhibition of angiogenesis by nucleic acids
TITLE Patent: WO 02053141-A 911 11-JUL-2002;
JOURNAL Coley Pharmaceutical Group, Inc. (US)
FEATURES
source
1. .27
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notice="Synthetic Sequence"

Query Match
0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 1.6e+02;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

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Qy 5389 AATTAAAAAATACAAAAAGAAAAA 5415
Db 27 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 59
AR409904 22 bp RNA linear PAT 18-DEC-2003
LOCUS Sequence 17 from patent US 6635422.
DEFINITION AR409904
ACCESSION AR409904
VERSION AR409904.1 GI:40161039
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 22)
AUTHORS Keene,J.D., Tenenbaum,S.A. and Carson,C.C.
TITLE Methods for isolating and characterizing endogenous mRNA-protein
JOURNAL (MRNP) complexes
FEATURES
source
1. .22
/organism="unknown"
/mol_type="unassigned RNA"

Query Match
0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5394 AAAAAATACAAAAAGAAAAA 5415
Db 22 AAAAAATACAAAAATAAAAA 1

RESULT 60
AR409906 22 bp RNA linear PAT 18-DEC-2003
LOCUS AR409906
DEFINITION Sequence 19 from patent US 6635422.
ACCESSION AR409906
VERSION AR409906.1 GI:40161041
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 22)
AUTHORS Keene,J.D., Tenenbaum,S.A. and Carson,C.C.
TITLE Methods for isolating and characterizing endogenous mRNA-protein
JOURNAL (MRNP) complexes
FEATURES
source
1. .22
/organism="unknown"
/mol_type="unassigned RNA"

Query Match
0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5394 AAAAAATACAAAAAGAAAAA 5415
Db 22 AAAAAATACAAAAATAAAAA 1

RESULT 61
BD234336 25 bp DNA linear PAT 17-JUL-2003
LOCUS BD234336
DEFINITION Improved method for inserting nucleic acid into cyclic vector.
ACCESSION BD234336
VERSION BD234336.1 GI:33044106
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
FEATURES
artificial sequences.

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REFERENCE 1 (bases 1 to 25)
AUTHORS Romantchikov Y.
TITLE Improved method for inserting nucleic acid into cyclic vector
JOURNAL Patent: JP 2002532085-A 9 02-OCT-2002;
YURI ROMANTCHIKOV
COMMENT OS Artificial Sequence
PN JP 2002532085-A/9
PD 02-OCT-2002
PP 17-DEC-1999 JP 2000588337
PR 17-DEC-1998 US 09/213834
PI YURI ROMANTCHIKOV
PC C12N15/09,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N15/00,C12N5/00
CC Cloning Vector
FH Key
FT source
Location/Qualifiers
1..25 /organism='Artificial Sequence',
Location/Qualifiers
1..25 /organism='synthetic construct',
/mol_type='genomic DNA',
/db_xref='taxon:32630'

Query Match
Best Local Similarity 83.3%; Pred. No. 1.7e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAAT 5416
DB 24 AAAAAAAAAAAAAAAAAAAAAAAAY 1

RESULT 62
LOCUS AR098647 26 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 5 from patent US 6077668.
ACCESSION AR098647
VERSION AR098647.1 GI:12808413
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS Kool E.T.
TITLE Highly sensitive multimeric nucleic acid probes
JOURNAL Patent: US 6077668-A 5 20-JUN-2000;
FEATURES Location/Qualifiers
1..26
/organism='unknown',
/mol_type='unassigned DNA'

Query Match
Best Local Similarity 90.9%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5414
DB 5 AAAAAAAAAACAAAAAGAAAAA 26

RESULT 63
LOCUS AR204721 26 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 5 from patent US 6368802.
ACCESSION AR204721
VERSION AR204721.1 GI:21502120
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS Kool E.T.
TITLE Circular DNA vectors for synthesis of RNA and DNA

JOURNAL Patent: US 6368802-A 5 09-APR-2002;
FEATURES Location/Qualifiers
source 1..26
/organism='unknown',
/mol_type='unassigned DNA'

Query Match
Best Local Similarity 90.9%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5414
DB 5 AAAAAAAAAACAAAAAGAAAAA 26

RESULT 64
LOCUS BD244864 25 bp DNA linear PAT 17-JUL-2003
DEFINITION Oligonucleotide primer capable of making the non-specific double strand formation unstable.
ACCESSION BD244864
VERSION BD244864.1 GI:33054634
KEYWORDS JP 2002532063-A/9.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 25)
AUTHORS Pelletier J. and Dae M.
TITLE Oligonucleotide primer capable of making the non-specific double strand formation unstable
JOURNAL Patent: JP 2002532063-A 9 02-OCT-2002;
MCGILL UNIVERSITY
COMMENT OS Artificial Sequence
PN JP 2002532063-A/9
PD 02-OCT-2002
PP 06-OCT-1999 JP 2000574722
PR 07-OCT-1998 CA 2246623
PI JERRY PELLETIER, MANJULA DAS
PC C12N15/09,C12Q1/68,C12N15/00
CC Description of Artificial Sequence: synthetic oligonucleotide
FH Key
FT source
Location/Qualifiers
1..25 /organism='Artificial Sequence',
Location/Qualifiers
1..25 /organism='synthetic construct',
/mol_type='genomic DNA',
/db_xref='taxon:32630'

Query Match
Best Local Similarity 84.0%; Pred. No. 1.8e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5391 TTTAAAAATACAAAAAGAAAAA 5415
DB 1 TTTAAAAATACAAAAAGAAAAA 25

RESULT 65
LOCUS C0628551 25 bp DNA linear PAT 02-FEB-2004
DEFINITION Sequence 13291 from Patent WO0192524.
ACCESSION C0628551
VERSION C0628551.1 GI:41678769
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Buktayota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
TITLE Gu.Y., Ji.Y., Penn S.G., Hanzel D.K., Rank D.R., Chen W. and Shannon M.E.
Myosin-like gene expressed in human heart and muscle

JOURNAL Patent: WO 0192524-A 13291 06-DEC-2001;
 FEATURES Aeomica, Inc. (US)
 source Location/Qualifiers
 1..25
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 0.3%; Score 18.6; DB 1; Length 25;
 Best Local Similarity 84.0%; Pred. No. 1.8e+02;
 Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3475 AGCAGCGGAACCAAGTGTGATGA 3499
 Db 1 AGCAGAGTGAGCGCAAGTGTGAGGA 25

RESULT 66
 LOCUS AR434730 25 bp DNA linear PAT 18-DEC-2003
 DEFINITION Sequence 1153 from patent US 6656700.
 ACCESSION AR434730
 VERSION AR434730.1 GI:40197573
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 25)
 AUTHORS Gu Y. and Shannon,M.E.
 TITLE Isoforms of human pregnancy-associated protein-E
 JOURNAL Patent: US 6656700-A 1153 02-DEC-2003;
 FEATURES Location/Qualifiers
 1..25
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 18.6; DB 1; Length 25;
 Best Local Similarity 84.0%; Pred. No. 1.8e+02;
 Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5410 AAAAAATGAATTAAGATAGGA 5434
 Db 1 AAGAAATGAATTAAGATAGGA 25

RESULT 67
 LOCUS AR469614 25 bp DNA linear PAT 20-FEB-2004
 DEFINITION Sequence 13291 from patent US 6686188.
 ACCESSION AR469614
 VERSION AR469614.1 GI:42704671
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 25)
 AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
 TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
 JOURNAL Patent: US 6686188-A 13291 03-FEB-2004;
 FEATURES Location/Qualifiers
 1..25
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 18.6; DB 1; Length 25;
 Best Local Similarity 84.0%; Pred. No. 1.8e+02;
 Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3475 AGCAGCGGAACCAAGTGTGATGA 3499
 Db 1 AGCAGAGTGAGCGCAAGTGTGAGGA 25

RESULT 68
 LOCUS AX500811 25 bp DNA linear PAT 27-SEP-2002
 DEFINITION Sequence 2118 from Patent EP1229046.
 ACCESSION AX500811
 VERSION AX500811.1 GI:23383104
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 REFERENCE 1
 AUTHORS Zhan,J.
 TITLE Human testis expressed patched like protein
 JOURNAL Patent: BP 1229046-A 2118 07-AUG-2002;
 FEATURES Aeomica, Inc. (US)
 source Location/Qualifiers
 1..25
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 0.3%; Score 18.6; DB 1; Length 25;
 Best Local Similarity 84.0%; Pred. No. 1.8e+02;
 Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 770 GCGCCCAAGCCCAAGAGGCGGAGG 794
 Db 1 GAGCCCAAGCCCAAGGCGGCGCGG 25

RESULT 69
 LOCUS AX391871 24 bp DNA linear PAT 23-MAR-2002
 DEFINITION Sequence 21 from Patent WO0216618.
 ACCESSION AX391871
 VERSION AX391871.1 GI:19700451
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequence.
 REFERENCE 1
 AUTHORS Basten,D., Dekker,P.J., Schuurhuizen,P.W., Schaap,P.J. and Visser,J.
 TITLE Aminopeptidase
 JOURNAL Patent: WO 0216618-A 21 28-FEB-2002;
 FEATURES DSM N.V. (NL)
 source Location/Qualifiers
 1..24
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:33630"
 /note="RT reaction primer"

Query Match 0.3%; Score 18.4; DB 1; Length 24;
 Best Local Similarity 83.3%; Pred. No. 1.9e+02;
 Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATCAAAAAAGAAAAA 5415
 Db 24 BAAAAAATCAAAAAAGAAAAA 1

RESULT 70
 LOCUS BD237566 26 bp DNA linear PAT 17-JUL-2003
 DEFINITION Genes and proteins predicting and creating fil, hypertension,
 ACCESSION BD237566
 VERSION BD237566.1 GI:33047336
 KEYWORDS UP 2002525115-A/1.

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SOURCE      synthetic construct
ORGANISM    artificial construct
REFERENCE   1 (bases 1 to 26)
AUTHORS     Shinkets,R.A.
TITLE       Genes and proteins predicting and treating flc, hypertension,
            diabetes and obesity
JOURNAL     Patent: JP 2002525115-A 1 13-AUG-2002;
            CURAGEN CORP
COMMENT     OS Artificial Sequence
            PN JP 2002525115-A/1
            PD 13-AUG-2002
            PF 28-SEP-1999 JP 2000572265
            PR 28-SEP-1998 US 09/161939
            PI RICHARD A SHINKETS
            PC C12N15/09,A01K67/027,A61K31/7088,A61K38/00,A61K39/395,A61K39/
            PC 395,
            PC A61K39/395,A61K48/00,A61P3/04,A61P3/06,A61P9/10,A61P9/12, PC
            A61P43/00,
            PC C07K14/47,C07K16/18,C12N9/10,C12N9/88,C12Q1/25,C12Q1/52 PC
            C12Q1/68,G01N33/15,
            PC G01N33/50,C12N15/00,A61K37/02
            CC Description of Artificial Sequence: oligo(dT)<25>v FH Key
FEATURES    FT source
            /organism='Artificial Sequence'.
            /mol_type='genomic DNA'
            /db_xref='taxon:32630'

Query Match      0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy      5392 TAAAAAATACAAAAAGAAAAA 5415
Db      26 BAAAAAAAAAAAAAAAAAAAAA 3

RESULT 71
LOCUS      AR257336      26 bp      DNA      linear      PAT 20-DEC-2002
DEFINITION Sequence 43 from patent US 6486299.
ACCESSION  AR257336
VERSION     AR257336.1 GI:27307233
KEYWORDS   SOURCE      Unknown.
            ORGANISM    Unclassified.
            REFERENCE   1 (bases 1 to 26)
            AUTHORS     Shinkets,R.A.
            TITLE       Genes and proteins predictive and therapeutic for stroke,
            hypertension, diabetes and obesity
JOURNAL     Patent: US 6486299-A 43 26-NOV-2002;
FEATURES    Location/Qualifiers
            source      1..26
                        /organism="unknown"
                        /mol_type="genomic DNA"

Query Match      0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy      5392 TAAAAAATACAAAAAGAAAAA 5415
Db      26 BAAAAAAAAAAAAAAAAAAAAA 3

RESULT 72
LOCUS      AR263647/c      26 bp      DNA      linear      PAT 29-JAN-2003
DEFINITION Sequence 6 from patent US 6331413.
ACCESSION  AR263647
VERSION     AR263647.1 GI:28075580
KEYWORDS   SOURCE      Unknown.
            ORGANISM    Unclassified.
            REFERENCE   1 (bases 1 to 26)
            AUTHORS     Adler,D.A. and Shepard,P.O.
            TITLE       Secreted salivary ZS1G63 Polypeptide
            JOURNAL     Patent: US 6331413-A 6 18-DEC-2001;
FEATURES    Location/Qualifiers
            source      1..26
                        /organism="unknown"
                        /mol_type="genomic DNA"

Query Match      0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy      5392 TAAAAAATACAAAAAGAAAAA 5415
Db      26 BAAAAAAAAAAAAAAAAAAAAA 3

RESULT 73
LOCUS      AX814950/c      26 bp      DNA      linear      PAT 05-DEC-2003
DEFINITION Sequence 36 from Patent WO03064691.
ACCESSION  AX814950
VERSION     AX814950.1 GI:39104088
KEYWORDS   SOURCE      synthetic construct
            ORGANISM    synthetic construct
            REFERENCE   1
            AUTHORS     Linmarsson,S., Ernfors,P., Bauren,G., Metsls,A., Pihlak,A. and
            TITLE       Montelius,A.
            JOURNAL     Methods and means for manipulating nucleic acid
            PATENT: WO 03064691-A 36 07-AUG-2003;
            GLOBAL GENOMICS AB (SE)
FEATURES    Location/Qualifiers
            source      1..26
                        /organism="synthetic construct"
                        /mol_type="unassigned DNA"
                        /db_xref="taxon:32630"
                        /note="Description of Artificial Sequence: Primer"
            misc_feature 26
                        /note="v is a, c or g"

Query Match      0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy      5392 TAAAAAATACAAAAAGAAAAA 5415
Db      26 BAAAAAAAAAAAAAAAAAAAAA 3

RESULT 74
LOCUS      BD062456      26 bp      DNA      linear      PAT 27-AUG-2002
DEFINITION A human 2-19 protein homologue, Z219A.
ACCESSION  BD062456
VERSION     BD062456.1 GI:22608059
KEYWORDS   SOURCE      synthetic construct
            ORGANISM    synthetic construct
            REFERENCE   1 (bases 1 to 26)
            AUTHORS     Conklin,D.C. and Blumberg,H.
            TITLE       A human 2-19 protein homologue, Z219A
            JOURNAL     Patent: JP 2001507946-A 4 19-JUN-2001;

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SOURCE      synthetic construct
ORGANISM    artificial construct
REFERENCE   1 (bases 1 to 26)
AUTHORS     Shinkets,R.A.
TITLE       Genes and proteins predicting and treating flc, hypertension,
            diabetes and obesity
JOURNAL     Patent: JP 2002525115-A 1 13-AUG-2002;
            CURAGEN CORP
COMMENT     OS Artificial Sequence
            PN JP 2002525115-A/1
            PD 13-AUG-2002
            PF 28-SEP-1999 JP 2000572265
            PR 28-SEP-1998 US 09/161939
            PI RICHARD A SHINKETS
            PC C12N15/09,A01K67/027,A61K31/7088,A61K38/00,A61K39/395,A61K39/
            PC 395,
            PC A61K39/395,A61K48/00,A61P3/04,A61P3/06,A61P9/10,A61P9/12, PC
            A61P43/00,
            PC C07K14/47,C07K16/18,C12N9/10,C12N9/88,C12Q1/25,C12Q1/52 PC
            C12Q1/68,G01N33/15,
            PC G01N33/50,C12N15/00,A61K37/02
            CC Description of Artificial Sequence: oligo(dT)<25>v FH Key
FEATURES    FT source
            /organism='Artificial Sequence'.
            /mol_type='genomic DNA'
            /db_xref='taxon:32630'

Query Match      0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy      5392 TAAAAAATACAAAAAGAAAAA 5415
Db      26 BAAAAAAAAAAAAAAAAAAAAA 3

RESULT 73
LOCUS      AX814950/c      26 bp      DNA      linear      PAT 05-DEC-2003
DEFINITION Sequence 36 from Patent WO03064691.
ACCESSION  AX814950
VERSION     AX814950.1 GI:39104088
KEYWORDS   SOURCE      synthetic construct
            ORGANISM    synthetic construct
            REFERENCE   1
            AUTHORS     Linmarsson,S., Ernfors,P., Bauren,G., Metsls,A., Pihlak,A. and
            TITLE       Montelius,A.
            JOURNAL     Methods and means for manipulating nucleic acid
            PATENT: WO 03064691-A 36 07-AUG-2003;
            GLOBAL GENOMICS AB (SE)
FEATURES    Location/Qualifiers
            source      1..26
                        /organism="synthetic construct"
                        /mol_type="unassigned DNA"
                        /db_xref="taxon:32630"
                        /note="Description of Artificial Sequence: Primer"
            misc_feature 26
                        /note="v is a, c or g"

Query Match      0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy      5392 TAAAAAATACAAAAAGAAAAA 5415
Db      26 BAAAAAAAAAAAAAAAAAAAAA 3

RESULT 74
LOCUS      BD062456      26 bp      DNA      linear      PAT 27-AUG-2002
DEFINITION A human 2-19 protein homologue, Z219A.
ACCESSION  BD062456
VERSION     BD062456.1 GI:22608059
KEYWORDS   SOURCE      synthetic construct
            ORGANISM    synthetic construct
            REFERENCE   1 (bases 1 to 26)
            AUTHORS     Conklin,D.C. and Blumberg,H.
            TITLE       A human 2-19 protein homologue, Z219A
            JOURNAL     Patent: JP 2001507946-A 4 19-JUN-2001;

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COMMENT ZYMOGENETICS INC
OS Artificial Sequence
PN JP 2001507946-A/4
PD 19-JUN-2001
PF 06-OCT-1998 JP 1999522287
PR 06-OCT-1997 US 60/061712
PI DARRELL C CONKLIN, HALL BLUMBERG
PC C12N15/12, C12N15/62, C12N5/10, C07K14/47, C07K16/18, C12Q1/68, PC
A01K67/027
CC Oligonucleotide primer ZC7231
FH Key Location/Qualifiers.
FEATURES
source Location/Qualifiers
1..26
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAAGAAAAA 5415
Db 26 BAAAAAAAAAAAAAAAAAAAAA 3

RESULT 75
AR123791 23 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 7 from patent US 6171803.
DEFINITION AR123791
ACCESSION AR123791
VERSION AR123791.1 GI:14109152
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 23)
AUTHORS Kinet, J. Pierre.
TITLE Isolation, characterization, and use of the human .beta. subunit of
JOURNAL the high affinity receptor for immunoglobulin B
FEATURES Patent: US 6171803-A 7 09-JAN-2001;
source Location/Qualifiers
1..23
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5395 AAAAAATACAAAAAGAAAAATG 5417
Db 1 AATAAAAACAAAAAATG 23

RESULT 76
BD244857 23 bp DNA linear PAT 17-JUL-2003
LOCUS BD244857
DEFINITION Oligonucleotide primer capable of making the non-specific double
strand formation unstable.
ACCESSION BD244857
VERSION BD244857.1 GI:33054627
KEYWORDS JP 2002532063-A/2.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 23)
AUTHORS Pelletier, J., and Dag, M.
TITLE Oligonucleotide primer capable of making the non-specific double
JOURNAL strand formation unstable
COMMENT Patent: JP 2002532063-A 2 02-OCT-2002;
OS Artificial Sequence

PN JP 2002532063-A/2
PD 02-OCT-2002
PF 06-OCT-1999 JP 2000574722
PR 07-OCT-1998 CA 2246623
PI JERRY PELLETIER, MANUJIA DAS
PC C12N15/09, C12Q1/68, C12N15/00
CC Description of Artificial Sequence: synthetic oligonucleotide
FH Key Location/Qualifiers
FT source 1..23
1..23
/organism="Artificial Sequence".
FEATURES
source Location/Qualifiers
1..23
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAAAAA 5415
Db 23 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 77
AR010037 24 bp DNA linear PAT 04-DEC-1998
LOCUS AR010037
DEFINITION Sequence 50 from patent US 5756684.
ACCESSION AR010037
VERSION AR010037.1 GI:3968842
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 24)
AUTHORS Johnson, R. M., and Bergemann, A. D.
TITLE Cloning and expression of PUR protein
JOURNAL Patent: US 5756684-A 50 26-MAY-1998;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 78
AR034772 24 bp DNA linear PAT 29-SEP-1999
LOCUS AR034772
DEFINITION Sequence 50 from patent US 5869622.
ACCESSION AR034772
VERSION AR034772.1 GI:5950377
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 24)
AUTHORS Johnson, R. M., and Bergemann, A. D.
TITLE Monoclonal antibodies to the pur protein
JOURNAL Patent: US 5869622-A 50 09-FEB-1999;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;

Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 79
AR068465 24 bp DNA linear PAT 29-SEP-1999
LOCUS Sequence 1 from patent US 5853993.
DEFINITION AR068465
ACCESSION AR068465.1 GI:6000672
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 24)
AUTHORS Dellinger,D.J., Dahm,S.C. and Troll,M.A.
TITLE Signal enhancement method and kit
JOURNAL Patent: US 5853993-A 1 29-DEC-1998;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 80
AR105984 24 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 7 from patent US 6103474.
DEFINITION AR105984
ACCESSION AR105984
VERSION AR105984.1 GI:12820049
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 24)
AUTHORS Dellinger,D.J., Dahm,S.C., Ilesley,D.D., Ach,R.A. and Troll,M.A.
TITLE Hybridization assay signal enhancement
JOURNAL Patent: US 6103474-A 7 15-AUG-2000;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 81
AR107972 24 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 1 from patent US 6110682.
DEFINITION AR107972
ACCESSION AR107972.1 GI:12823459
VERSION
KEYWORDS
SOURCE
ORGANISM

Unclassified.
REFERENCE 1 (bases 1 to 24)
AUTHORS Dellinger,D.J., Dahm,S.C. and Troll,M.A.
TITLE Signal enhancement method and kit
JOURNAL Patent: US 6110682-A 1 29-AUG-2000;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 82
BD234330/c 24 bp DNA linear PAT 17-JUL-2003
LOCUS Improved method for inserting nucleic acid into cyclic vector.
DEFINITION BD234330
ACCESSION BD234330.1 GI:33044100
VERSION JP 2002532085-A/3.
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 24)
AUTHORS Romanichkov,Y.
TITLE Improved method for inserting nucleic acid into cyclic vector
JOURNAL Patent: JP 2002532085-A 3 02-OCT-2002;
COMMENT YURI ROMANTCHIKOV
OS Artificial Sequence
PN JP 2002532085-A/3
PD 02-OCT-2002
PF 17-DEC-1999 JP 200588337
PR 17-DEC-1998 US 09/213834
PI YURI ROMANTCHIKOV
PC C12N15/09,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N5/00,C12N5/00
PC 00
CC Cloning Vector
FH Key
FT source 1..24
Location/Qualifiers
FT Location/Qualifiers
source 1..24
/organism="Artificial Sequence".
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 83
CQ482966/c 24 bp DNA linear PAT 30-JAN-2004
LOCUS Sequence 14833 from Patent WO0160860.
DEFINITION CQ482966
ACCESSION CQ482966
VERSION CQ482966.1 GI:41448585
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

AUTHORS Schlegel,R., Endege,W.O. and Monahan,J.E.
TITLE Genes differentially expressed in human prostate cancer and their
use

JOURNAL Patent: WO 0160860-A 14833 23-AUG-2001;

FEATURES Millennium Predictive Medicine, Inc. (US)

source Location/Qualifiers

1.24
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATTCAAAAAGAAAAA 5415

Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 84

LOCUS 124762 24 bp DNA linear PAT 07-OCT-1996

DEFINITION Sequence 25 from patent US 5545551.

ACCESSION 124762

VERSION 124762.1 GI:1604632

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)

AUTHORS Johnson,E.M. and Bergmann,A.D.

TITLE Cloning and expression of pur protein

JOURNAL Patent: US 5545551-A 25 13-AUG-1996;

FEATURES Location/Qualifiers

1.24
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATTCAAAAAGAAAAA 5415

Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 85

LOCUS AR184443 24 bp DNA linear PAT 20-APR-2002

DEFINITION Sequence 11 from patent US 6346384.

ACCESSION AR184443

VERSION AR184443.1 GI:20230408

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)

AUTHORS Pollner,R.B.

TITLE Real-time monitoring of PCR using LOCI

JOURNAL Patent: US 6346384-A 11 12-FEB-2002;

FEATURES Location/Qualifiers

1.24
/organism="unknown"
/mol_type="unassigned DNA"

Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 86

LOCUS AR202876 24 bp DNA linear PAT 20-JUN-2002

DEFINITION Sequence 4 from patent US 6365346.

ACCESSION AR202876

VERSION AR202876.1 GI:21499117

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)

AUTHORS Patel,R. and Kurn,N.

TITLE Quantitative determination of nucleic acid amplification products

JOURNAL Patent: US 6365346-A 4 02-APR-2002;

FEATURES Location/Qualifiers

1.24
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATTCAAAAAGAAAAA 5415

Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 87

LOCUS AR213697 24 bp DNA linear PAT 25-SEP-2002

DEFINITION Sequence 4 from patent US 6406667.

ACCESSION AR213697

VERSION AR213697.1 GI:23310978

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)

AUTHORS Singh,S. and Ullman,E.F.

TITLE Chemiluminescent compositions for use in detection of multiple

JOURNAL Patent: US 6406667-A 4 18-JUN-2002;

FEATURES Location/Qualifiers

1.24
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATTCAAAAAGAAAAA 5415

Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 88

LOCUS AR232949 24 bp DNA linear PAT 20-DEC-2002

DEFINITION Sequence 1 from patent US 6457426.

ACCESSION AR232949

VERSION AR232949.1 GI:27275296

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)

AUTHORS Cruson,I.

TITLE Front tube furrow opener attachment

JOURNAL Patent: US 6457426-A 1 01-OCT-2002;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 99
LOCUS AR241846 24 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 134 from patent US 6472154.
ACCESSION AR241846
VERSION AR241846.1 GI:27287658
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 24)
AUTHORS Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
TITLE Polymorphic repeats in human genes
JOURNAL Patent: US 6472154-A 134 29-OCT-2002;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 23 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 90
LOCUS AR261539 24 bp DNA linear PAT 29-JAN-2003
DEFINITION Sequence 6 from patent US 6322971.
ACCESSION AR261539
VERSION AR261539.1 GI:28072607
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 24)
AUTHORS Chetverin,A.B. and Kramer,F.R.
TITLE Oligonucleotide arrays and their use for sorting, isolating,
sequencing, and manipulating nucleic acids
JOURNAL Patent: US 6322971-A 6 27-NOV-2001;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5391 TTTAAAAAATTCAAAAAGAAAAA 5413
Db 2 TTTAAAAAATTCAAAAAGAAAAA 24

RESULT 91

AR340571 AR340571 24 bp DNA linear PAT 17-AUG-2003
LOCUS AR340571 Sequence 4 from patent US 6573054.
DEFINITION AR340571
ACCESSION AR340571
VERSION AR340571.1 GI:33732217
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 24)
AUTHORS Patel,R. and Kurn,N.
TITLE Quantitative determination of nucleic acid amplification products
JOURNAL Patent: US 6573054-A 4 03-JUN-2003;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 92
LOCUS AR345020 24 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 1 from patent US 6582938.
ACCESSION AR345020
VERSION AR345020.1 GI:33741140
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 24)
AUTHORS Su,X., Dong,H. and Ryder,T.B.
TITLE Amplification of nucleic acids
JOURNAL Patent: US 6582938-A 1 24-JUN-2003;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 93
LOCUS AR364668 24 bp DNA linear PAT 03-SEP-2003
DEFINITION Sequence 1 from patent US 5399676.
ACCESSION AR364668
VERSION AR364668.1 GI:34427592
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 24)
AUTHORS Froehler,B.
TITLE Oligonucleotides with inverted polarity
JOURNAL Patent: US 5399676-A 1 21-MAR-1995;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5404 AAAAAGAAAATGAAAATTAAG 5426
|||||
24 AAAAAGAAAAGAAAAGAAAAG 2

Db

RESULT 94
LOCUS AR431310 24 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 4 from patent US 6651008.
ACCESSION AR431310
VERSION AR431310.1 GI:40193278
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 24)
AUTHORS Vaisberg,B.A., Adams,C.L., Sabry,J.H. and Crompton,A.M.
TITLE Database system including computer code for predictive cellular
JOURNAL Patent: US 6651008-A 4 18-NOV-2003;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAATATCAAAAAGAAAAG 5415
|||||
24 AAAAATATCAAAAAGAAAAG 2

Db

RESULT 95
LOCUS AX104241 24 bp DNA linear PAT 30-APR-2001
DEFINITION Sequence 433 from Patent WO0122972.
ACCESSION AX104241
VERSION AX104241.1 GI:13920438
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 433 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
FEATURES Location/Qualifiers
source 1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAATATCAAAAAGAAAAG 5415
|||||
24 AAAAATATCAAAAAGAAAAG 2

Db

RESULT 96
LOCUS AX104769 24 bp DNA linear PAT 30-APR-2001

DEFINITION Sequence 961 from Patent WO0122972.
ACCESSION AX104769
VERSION AX104769.1 GI:13920966
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 961 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
FEATURES Location/Qualifiers
source 1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAATATCAAAAAGAAAAG 5415
|||||
24 AAAAATATCAAAAAGAAAAG 2

Db

RESULT 97
LOCUS AX104770 24 bp DNA linear PAT 30-APR-2001
DEFINITION Sequence 962 from Patent WO0122972.
ACCESSION AX104770
VERSION AX104770.1 GI:13920967
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 962 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
FEATURES Location/Qualifiers
source 1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAATATCAAAAAGAAAAG 5415
|||||
24 AAAAATATCAAAAAGAAAAG 23

Db

RESULT 98
LOCUS AX354553 24 bp DNA linear PAT 06-FEB-2002
DEFINITION Sequence 11 from Patent WO0173129.
ACCESSION AX354553
VERSION AX354553.1 GI:18619355
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Pollner,R.B.
TITLE Real time monitoring of PCR using loci
JOURNAL Patent: WO 0173129-A 11 04-OCT-2001;

FEATURES DADA BEHRING INC. (US)
source Location/Qualifiers
1.24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide attached to beads"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 99
AX355813/c 24 bp DNA linear PAT 06-FEB-2002
LOCUS Sequence 841 from Patent WO0197843.
DEFINITION AX355813
ACCESSION AX355813
VERSION AX355813.1 GI:18620481
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Weiner, G. and Hartmann, G.
TITLE Methods for enhancing antibody-induced cell lysis and treating cancer
JOURNAL Patent: WO 0197843-A 841 27-DEC-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
source Location/Qualifiers
1.24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide-phosphorothioate backbone"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 100
AX427163/c 24 bp DNA linear PAT 18-JUN-2002
LOCUS Sequence 12 from Patent WO0210374.
DEFINITION AX427163
ACCESSION AX427163
VERSION AX427163.1 GI:21530544
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Lin, S.L., Chuong, C.M. and Widelitz, R.B.
TITLE Gene silencing using mtna-cdna hybrids
JOURNAL Patent: WO 0210374-A 12 07-FEB-2002;
UNIVERSITY OF SOUTHERN CALIFORNIA (US)
source Location/Qualifiers
1.24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Poly(dT)24 primer"

Query Match 0.3%; Score 18.2; DB 1; Length 24;

Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 101
AX428574 24 bp DNA linear PAT 20-JUN-2002
LOCUS Sequence 1 from Patent WO0184157.
DEFINITION AX428574
ACCESSION AX428574
VERSION AX428574.1 GI:21538485
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Pease, J.S., Cromer, R., Patel, R., Kurn, N. and de Keczzer, S.
TITLE Compositions for detection of multiple analytes
JOURNAL Patent: WO 0184157-A 1 08-NOV-2001;
Dade Behring Marburg GmbH (DE)
source Location/Qualifiers
1.24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthesized"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 102
AX547294/c 24 bp DNA linear PAT 01-MAR-2003
LOCUS Sequence 433 from Patent WO02053141.
DEFINITION AX547294
ACCESSION AX547294
VERSION AX547294.1 GI:25812438
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Bratzler, R.L.
TITLE Inhibition of angiogenesis by nucleic acids
JOURNAL Patent: WO 02053141-A 433 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
source Location/Qualifiers
1.24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 103
AX547822/c 24 bp DNA linear PAT 01-MAR-2003
LOCUS

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DEFINITION Sequence 961 from Patent WO02053141.
ACCESSION AX547822
VERSION AX547822.1 GI:25812966
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Bratzler, R.L.
TITLE Inhibition of angiogenesis by nucleic acids
JOURNAL Patent: WO 02053141-A 961 11-JUL-2002;
          Coley Pharmaceutical Group, Inc. (US)
FEATURES
    source
        1..24
        /organism="synthetic construct"
        /mol_type="unassigned DNA"
        /db_xref="taxon:32630"
        /note="Synthetic Sequence"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 104
AX547823
LOCUS AX547823 24 bp DNA linear PAT 01-MAR-2003
DEFINITION Sequence 962 from Patent WO02053141.
ACCESSION AX547823
VERSION AX547823.1 GI:25812967
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Bratzler, R.L.
TITLE Inhibition of angiogenesis by nucleic acids
JOURNAL Patent: WO 02053141-A 962 11-JUL-2002;
          Coley Pharmaceutical Group, Inc. (US)
FEATURES
    source
        1..24
        /organism="synthetic construct"
        /mol_type="unassigned DNA"
        /db_xref="taxon:32630"
        /note="Synthetic Sequence"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 105
AX684290/c
LOCUS AX684290 24 bp DNA linear PAT 29-MAR-2003
DEFINITION Sequence 13 from Patent WO02059609.
ACCESSION AX684290
VERSION AX684290.1 GI:29371160
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Mack, D.H., Gish, K.C. and Wilson, K.B.
TITLE Methods of diagnosing colorectal cancer and/or breast cancer,
          compositions, and methods of screening for colorectal cancer and/or

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breast cancer modulators
JOURNAL Patent: WO 02059609-A 13 01-AUG-2002;
          EOS Biotechnology, Inc. (US)
FEATURES
    source
        1..24
        /organism="synthetic construct"
        /mol_type="unassigned DNA"
        /db_xref="taxon:32630"
        /note="T7-(dT)-24 primer"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 106
AX750585/c
LOCUS AX750585 24 bp DNA linear PAT 20-JUN-2003
DEFINITION Sequence 11 from Patent WO0221134.
ACCESSION AX750585
VERSION AX750585.1 GI:32133003
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Mack, D. and Gish, K.C.
TITLE Methods of diagnosing breast cancer and screening for modulators
JOURNAL Patent: WO 0221134-A 11 14-MAR-2002;
          EOS Biotechnology, Inc. (US)
FEATURES
    source
        1..24
        /organism="synthetic construct"
        /mol_type="unassigned DNA"
        /db_xref="taxon:32630"
        /note="T7-(dT)-24 primer"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 107
AX829247/c
LOCUS AX829247 24 bp DNA linear PAT 12-DEC-2003
DEFINITION Sequence 140 from Patent WO02059377.
ACCESSION AX829247
VERSION AX829247.1 GI:39838972
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Mack, D.H., Gish, K.C. and Afar, D.
TITLE Methods of diagnosis of breast cancer, compositions and methods of
          screening for modulators of breast cancer
JOURNAL Patent: WO 02059377-A 140 01-AUG-2002;
          EOS Biotechnology, Inc. (US)
FEATURES
    source
        1..24
        /organism="synthetic construct"
        /mol_type="unassigned DNA"
        /db_xref="taxon:32630"
        /note="Description of Artificial Sequence: T7-T24 oligo"
        modified_base 8..24

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/note="t at positions 8-24 may be present or absent"
/mod_base=OTHER

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
DB 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 108
AX961624/c 24 bp DNA linear PAT 14-JAN-2004
DEFINITION Sequence 19 from Patent WO03101375.
ACCESSION AX961624
VERSION AX961624.1 GI:40881082
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 Lopez, R.A.
AUTHORS Immunostimulatory oligonucleotides and uses thereof
TITLE Patent: WO 03101375-A 19 11-DEC-2003;
JOURNAL IMMUNOTECH S.A. (AR)
FEATURES
source
1. 24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Immunostimulatory oligonucleotide"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
DB 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 109
AX961629/c 24 bp DNA linear PAT 14-JAN-2004
DEFINITION Sequence 24 from Patent WO03101375.
ACCESSION AX961629
VERSION AX961629.1 GI:40881087
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 Lopez, R.A.
AUTHORS Immunostimulatory oligonucleotides and uses thereof
TITLE Patent: WO 03101375-A 24 11-DEC-2003;
JOURNAL IMMUNOTECH S.A. (AR)
FEATURES
source
1. 24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Immunostimulatory oligonucleotide"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5403 AAAAAAGAAAAATGAAAAATAAA 5425
DB 23 AAAAAAAACAAAAATGAAAAAA 1

RESULT 110
BD136714 24 bp DNA linear PAT 18-SRP-2002
LOCUS BD136714
DEFINITION Quantitative assay of nucleic acid amplification product.
ACCESSION BD136714
VERSION BD136714.1 GI:23231659
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 24)
AUTHORS Patel, R. and Kurn, N.
TITLE Quantitative assay of nucleic acid amplification product
JOURNAL Patent: JP 2002504350-A 4 12-FEB-2002;
COMMENT DADS BEHRING INC
OS Artificial Sequence
PN JP 2002504350-A/4
PD 12-FEB-2002
PE 17-FEB-1999 JP 2000532556
PR 18-FEB-1998 US 09/025639
PI RAJESH PATEL, NURITH KURN
PC C12Q1/68, C12N15/09, C12N15/00
CC Synthetic DNA Probe
FH Key
FT misc binding (1). (24).

FEATURES
source
1. 24
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
DB 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 111
AR105982/c 25 bp DNA linear PAT 14-FEB-2001
LOCUS AR105982
DEFINITION Sequence 5 from patent US 6103474.
ACCESSION AR105982
VERSION AR105982.1 GI:12820047
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 25)
AUTHORS Dellinger, D.J., Dahm, S.C., Ilsley, D.D., Ach, R.A. and Troll, M.A.
TITLE Hybridization assay signal enhancement
JOURNAL Patent: US 6103474-A 5 15-AUG-2000;
FEATURES
source
1. 25
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
DB 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 112
BD187513 25 bp DNA linear PAT 17-JUL-2003
LOCUS BD187513
DEFINITION Probe carrier, Method and Apparatus for producing Probe carrier.

ACCESSION BD187513
VERSION BD187513.1 GI:32997252
KEYWORDS JP 2003014773-A/3.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 25)
AUTHORS Okamura,N., Okamoto,T. and Kameyama,M.
TITLE Probe carrier, Method and Apparatus for producing Probe carrier
JOURNAL Patent: JP 2003014773-A 3 15-JAN-2003;
CANON INC
COMMENT OS Artificial Sequence
PN JP 2003014773-A/3
PD 15-JAN-2003
PP 28-MAR-2002 JP 2002093024
PI nobuyuki okamura,tadashi okamoto,makoto kameyama CC Designed
oligonucleotide to be hybridized with the designed CC
oligonucleotide
CC 'ttttttttttttttttttttt'
FH Key Location/Qualifiers
FEATURES
source 1..25
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATGCAAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 113
BD187514/c
LOCUS BD187514 25 bp DNA linear PAT 17-JUL-2003
DEFINITION Probe carrier, Method and Apparatus for producing Probe carrier.
ACCESSION BD187514
VERSION BD187514.1 GI:32997253
KEYWORDS JP 2003014773-A/4.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 25)
AUTHORS Okamura,N., Okamoto,T. and Kameyama,M.
TITLE Probe carrier, Method and Apparatus for producing Probe carrier
JOURNAL Patent: JP 2003014773-A 4 15-JAN-2003;
CANON INC
COMMENT OS Artificial Sequence
PN JP 2003014773-A/4
PD 15-JAN-2003
PP 28-MAR-2002 JP 2002093024
PI nobuyuki okamura,tadashi okamoto,makoto kameyama CC Designed
oligonucleotide used as a probe to be stabilized CC on a surface
of a carrier
CC carrier
FH Key Location/Qualifiers
FEATURES
source 1..25
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATGCAAAAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 114
BD204988/c
LOCUS BD204988 25 bp DNA linear PAT 17-JUL-2003
DEFINITION Protein array enabling site specification.
ACCESSION BD204988
VERSION BD204988.1 GI:33014758
KEYWORDS JP 2002510505-A/23.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 25)
AUTHORS Kuimelis,R.G. and Wagner,R.
TITLE Protein array enabling site specification
JOURNAL Patent: JP 2002510505-A 23 09-APR-2002;
PHYLLOS INC
COMMENT OS Artificial Sequence
PN JP 2002510505-A/23
PD 09-APR-2002
PP 31-MAR-1999 JP 2000542484
PR 03-APR-1998 US 60/080686
PI ROBERT G KUIMEELIS,RICHARD WAGNER
PC C12N15/09,C07H21/02,C07H21/04,C12M1/00,C12Q1/68,G01N33/566, PC
G01N33/68,
PC C12N15/00
CC Capture probe sequence
FH Key Location/Qualifiers
FT source 1..25
/organism="Artificial Sequence".
FEATURES
source 1..25
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATGCAAAAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 115
I58009/c
LOCUS I58009 25 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 2 from patent US 5610287.
ACCESSION I58009
VERSION I58009.1 GI:2483073
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 25)
AUTHORS Nikiforov,T. and Knapp,M.R.
TITLE Method for immobilizing nucleic acid molecules
JOURNAL Patent: US 5610287-A 2 11-MAR-1997;
FEATURES
source 1..25
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATGCAAAAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 116

196072/c
LOCUS 196072 25 bp DNA linear PAT 01-DEC-1998
DEFINITION Sequence 2 from patent US 5734020.
ACCESSION 196072
VERSION 196072.1 GI:3940542
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 25)
TITLES Wong, Y.N.
JOURNAL Production and use of magnetic porous inorganic materials
FEATURES Patent: US 5734020-A 2 31-MAR-1998;
source 1..25
Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAAAAAACAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3
RESULT 117
LOCUS AR288252 25 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 23 from patent US 6537749.
ACCESSION AR288252
VERSION AR288252.1 GI:31675536
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 25)
TITLES Kuimelis, R.G. and Wagner, R.
JOURNAL Addressable protein arrays
FEATURES Patent: US 6537749-A 23 25-MAR-2003;
source 1..25
Location/Qualifiers
/organism="unknown"
/mol_type="genomic DNA"
Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAAAAAACAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3
RESULT 118
LOCUS AX500812 25 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 2119 from Patent EPI229046.
ACCESSION AX500812
VERSION AX500812.1 GI:23383105
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLES Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
AUTHORS Zhan, J.
JOURNAL Human testis expressed patched like protein
FEATURES Patent: EP 1229046-A 2119 07-AUG-2002;
source 1..25
Location/Qualifiers

/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 772 GCCCAAGCCGAGGCGGCG 794
Db 2 GCCCAAGCCGAGGCGGCGG 24
RESULT 119
LOCUS AX500813 25 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 2120 from Patent EPI229046.
ACCESSION AX500813
VERSION AX500813.1 GI:23383106
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLES Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
AUTHORS Zhan, J.
JOURNAL Human testis expressed patched like protein
FEATURES Patent: EP 1229046-A 2120 07-AUG-2002;
source 1..25
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 772 GCCCAAGCCGAGGCGGCG 794
Db 1 GCCCAAGCCGAGGCGGCGG 23
RESULT 120
LOCUS A63569 26 bp DNA linear PAT 12-MAR-1998
DEFINITION Sequence 10 from Patent WO9720924.
ACCESSION A63569
VERSION A63569.1 GI:3717224
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE Scagglione, B. and Quadrioglio, F.
TITLES A CLASS OF OLIGONUCLEOTIDES, THERAPEUTICALLY USEFUL AS ANTITUMORAL
AUTHORS AGENTS
JOURNAL Patent: WO 9720924-A 10 12-JUN-1997;
COMMENT SAIKOM S R L (IT)
Other publication IT MI952539 19970604
Other publication AU 1175497 19970627.
FEATURES Location/Qualifiers
source 1..26
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAAAAAACAAAGAAAAA 5415

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Db      25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 121
LOCUS   AR137712/c                      26 bp   DNA       linear   PAT 16-JUN-2001
DEFINITION Sequence 5 from patent US 6197554.
ACCESSION AR137712
VERSION  AR137712.1 GI:14479221
KEYWORDS
SOURCE   Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS  Lin,S.-T., Chuong,C.-M., and Ying,S.-Y.
TITLE     Method for generating full-length cDNA library from single cells
JOURNAL   Patent: US 6197554-A 5 06-MAR-2001;
FEATURES
         source
             1..26
             /organism="unknown"
             /mol_type="unassigned DNA"

Query Match      0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAACAAAGAGAAAAA 5415
Db      26 AAAAAAAAAAAAAAAAAAAAAA 4

RESULT 122
LOCUS   AR174582                      26 bp   DNA       linear   PAT 17-DEC-2001
DEFINITION Sequence 39 from patent US 6307024.
ACCESSION AR174582
VERSION  AR174582.1 GI:17914902
KEYWORDS
SOURCE   Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS  Novak,J.E., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D.,
         Gross,J.A., Johnston,J.V., Nelson,A.J., Dillon,S.R. and
         Hammond,A.K.
TITLE     Cytokine zalphal1 ligand
JOURNAL   Patent: US 6307024-A 39 23-OCT-2001;
FEATURES
         source
             1..26
             /organism="unknown"
             /mol_type="unassigned DNA"

Query Match      0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAACAAAGAGAAAAA 5415
Db      25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 123
LOCUS   BD192375/c                      26 bp   DNA       linear   PAT 17-JUL-2003
DEFINITION Reagents and methods useful for detecting diseases of the breast.
ACCESSION BD192375
VERSION  BD192375.1 GI:33002114
KEYWORDS  JP 2002516576-A/14.
SOURCE   Mus sp.
ORGANISM Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
         Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

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REFERENCE 1 (bases 1 to 26)
AUTHORS  Medel,P.A.B., Cohen,M., Colpitts,T.L., Friedman,P.N., Gordon,J.,
         Granados,R.N., Hodges,S.C., Klasse,M.R., Kratochvil,J.D.,
         Russell,J.C., Scheffel,C.P., Stroupe,S.D. and Yu,H.
TITLE     Reagents and methods useful for detecting diseases of the breast
JOURNAL   Patent: JP 2002516576-A 14 04-JUN-2002;
COMMENT   ABBOTT LABORATORIES
         PN JP 2002516576-A/14
         PD 04-JUN-2002
         PF 19-JUN-1998 JP 199904891
         PR 20-JUN-1997 US 08/879354
         PI PATRICIA A BILTING MEDEL,MAURICE COHEN,TRACEY L COLPITTS,PAULA
         PI N FRIEDMAN,
         PI JULIAN GORDON,EDWARD N GRANADOS,STEVEN C HODGES,MICHAEL R PI
         KLASSE,
         PI JON D KRATOCHVIL,JOHN C RUSSELL,CHRISTI P SCHEFFEL,STEPHEN D
         PI STROUPE,
         PI HONG YU
         PC C12N15/12,C07K14/47,C12Q1/68,C12N15/85,C12N5/10,C07K16/18, PC
         G01N33/574
         CC Strandedness: Single;
         CC Topology: linear;
         FH key Location/Qualifiers.

FEATURES
         source
             1..26
             /organism="Mus sp."
             /mol_type="genomic DNA"
             /db_xref="taxon:10095"

Query Match      0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAACAAAGAGAAAAA 5415
Db      25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 124
LOCUS   BD248975/c                      26 bp   DNA       linear   PAT 17-JUL-2003
DEFINITION Novel cytokine zALPHA11 ligand.
ACCESSION BD248975
VERSION  BD248975.1 GI:33058745
KEYWORDS  JP 2002537839-A/36.
SOURCE   synthetic construct
         ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 26)
AUTHORS  Novak,J.E., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D.,
         Gross,J.A., Johnston,J.V., Nelson,A.J., Dillon,S.R. and
         Hammond,A.K.
TITLE     Novel cytokine zALPHA11 ligand
JOURNAL   Patent: JP 2002537839-A 36 12-NOV-2002;
COMMENT   ZYMOGENETICS INC
         PN JP 2002537839-A/36
         PD 12-NOV-2002
         PF 03-MAR-2000 JP 2000603382
         PR 09-MAR-1999 US 09/264908,11-MAR-1999 US 09/265992 PR
         PI JULIA E NOVAK,SCOTT R PRESNELL,CINDY A SPRECHER,DONALD C PI
         FOSTER,
         PI RICHARD D HOLLY,JANE A GROSS,JANET V JOHNSTON,ANDREW J NELSON,
         PI TRACEY R DILLON,ANGELA K HAMMOND
         PC C12N15/09,A61K38/00,A61K45/00,A61P35/00,A61P37/00,C07K14/52,
         PC C07K14/53,
         PC C07K14/54,C07K14/55,C07K16/24,C07K19/00,C12N1/15,C12N1/19, PC
         C12N1/21,
         PC C12N5/10,C12P21/02,C12P21/02,G01N33/53,C12N15/00,C12N5/00, PC
         A61K37/02
         CC Oligonucleotide primer ZC7764b

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FH      Key      Location/Qualifiers
FT      source      1..26      /organism='Artificial Sequence'.
FEATURES
    source      1..26      /organism='synthetic construct'
                        /mol_type='genomic DNA'
                        /db_xref='taxon:32630'

Query Match      0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAATCAAAAAAAAAA 5415
Db      25 AAAAAAAAAAAAAAAAAAAAAAAAAA 3

RESULT 125
LOCUS      CQ828164      26 bp      DNA      linear      PAT 05-JUL-2004
DEFINITION      Sequence 14 from Patent WO2004053160.
ACCESSION      CQ828164
VERSION      CQ828164.1 GI:49731658
KEYWORDS
SOURCE      synthetic construct
            artificial sequences.
REFERENCE      1 Jimenez,M.C., Escobar,I.G., Gallejo,S.C. and Cimaadevilla,J.C.
AUTHORS      Method to analyze polymeric nucleic acid sequence variations
TITLE      Patent: WO 2004053160-A 14 24-JUN-2004;
JOURNAL      GENOMICA S.A.U. (ES)
FEATURES
    source      Location/Qualifiers
                1..26
                /organism='synthetic construct'
                /mol_type='unassigned DNA'
                /db_xref='taxon:32630'
                /note='primer'

Query Match      0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAATCAAAAAAAAAA 5415
Db      1 AAAAAAAAAAAAAAAAAAAAAAAAAA 23

RESULT 126
LOCUS      I79495      26 bp      DNA      linear      PAT 10-JUN-1998
DEFINITION      Sequence 2 from patent US 5707807.
ACCESSION      I79495
VERSION      I79495.1 GI:3207785
KEYWORDS
SOURCE      Unknown.
            Unassigned.
ORGANISM      Unassigned.
REFERENCE      1 (bases 1 to 26)
AUTHORS      Kato,K.
TITLE      Molecular indexing for expressed gene analysis
JOURNAL      Patent: US 5707807-A 2 13-JAN-1998;
FEATURES
    source      Location/Qualifiers
                1..26
                /organism='unknown'
                /mol_type='unassigned DNA'

Query Match      0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAATCAAAAAAAAAA 5415
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Db      25 AAAAAAAAAAAAAAAAAAAAAAAAAA 3

RESULT 127
LOCUS      I79496      26 bp      DNA      linear      PAT 10-JUN-1998
DEFINITION      Sequence 3 from patent US 5707807.
ACCESSION      I79496
VERSION      I79496.1 GI:3207786
KEYWORDS
SOURCE      Unknown.
            Unassigned.
ORGANISM      Unassigned.
REFERENCE      1 (bases 1 to 26)
AUTHORS      Kato,K.
TITLE      Molecular indexing for expressed gene analysis
JOURNAL      Patent: US 5707807-A 3 13-JAN-1998;
FEATURES
    source      Location/Qualifiers
                1..26
                /organism='unknown'
                /mol_type='unassigned DNA'

Query Match      0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAATCAAAAAAAAAA 5415
Db      25 AAAAAAAAAAAAAAAAAAAAAAAAAA 3

RESULT 128
LOCUS      AR279358      26 bp      DNA      linear      PAT 10-APR-2003
DEFINITION      Sequence 2 from patent US 6514699.
ACCESSION      AR279358
VERSION      AR279358.1 GI:29714110
KEYWORDS
SOURCE      Unknown.
            Unassigned.
ORGANISM      Unassigned.
REFERENCE      1 (bases 1 to 26)
AUTHORS      O'Neill,R.A., Chen,J.-K., Chiesa,C. and Fry,G.
TITLE      Multiplex polynucleotide capture methods and compositions
JOURNAL      Patent: US 6514699-A 2 04-FEB-2003;
FEATURES
    source      Location/Qualifiers
                1..26
                /organism='unknown'
                /mol_type='genomic DNA'

Query Match      0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAATCAAAAAAAAAA 5415
Db      25 AAAAAAAAAAAAAAAAAAAAAAAAAA 3

RESULT 129
LOCUS      AR374074      26 bp      DNA      linear      PAT 18-DEC-2003
DEFINITION      Sequence 39 from patent US 6605272.
ACCESSION      AR374074
VERSION      AR374074.1 GI:40076646
KEYWORDS
SOURCE      Unknown.
            Unassigned.
ORGANISM      Unassigned.
REFERENCE      1 (bases 1 to 26)
AUTHORS      Novak,J.E., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D.,
            Grose,J.A., Johnston,J.V., Nelson,A.T., Dillon,S.R. and
```

TITLE Hammond,A.K.
JOURNAL Methods of using zaiphal1 ligand
Patent: US 6605272-A 39 12-AUG-2003;
FEATURES Location/Qualifiers
source 1..26
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
|||||
25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 130
AR404597/c AR404597 26 bp DNA linear PAT 18-DEC-2003
LOCUS Sequence 1 from patent US 6627748.
DEFINITION AR404597
ACCESSION AR404597
VERSION AR404597.1 GI:40153233
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 26)
AUTHORS Ju,T., Li,Z., Tong,A. and Russo,J.J.
TITLE Combinatorial fluorescence energy transfer tags and their
JOURNAL applications for multiplex genetic analyses
Patent: US 6627748-A 1 30-SEP-2003;
FEATURES Location/Qualifiers
source 1..26
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
|||||
25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 131
AR456224/c AR456224 26 bp DNA linear PAT 20-FEB-2004
LOCUS Sequence 39 from patent US 6686178.
DEFINITION AR456224
ACCESSION AR456224
VERSION AR456224.1 GI:42691247
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 26)
AUTHORS Novak,J.E., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D.,
Gross,J.A., Johnston,J.V., Nelson,A.J., Dillon,S.R. and
TITLE Hammond,A.K.
JOURNAL Cytokine zaiphal1 ligand polynucleotides
Patent: US 6686178-A 39 03-FEB-2004;
FEATURES Location/Qualifiers
source 1..26
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
|||||
25 AAAAAAAAAAAAAAAAAAAAAA 3

DB 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 132
AX427154/c AX427154 26 bp DNA linear PAT 18-JUN-2002
LOCUS Sequence 3 from Patent WO0210374.
DEFINITION AX427154
ACCESSION AX427154
VERSION AX427154.1 GI:21530535
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Lin,S.L., Chuong,C.M. and Widelitz,R.B.
TITLE Gene silencing using mrna-cdna hybrids
JOURNAL Patent: WO 0210374-A 3 07-FEB-2002;
UNIVERSITY OF SOUTHERN CALIFORNIA (US)
FEATURES Location/Qualifiers
source 1..26
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Poly(dT)-26mer primer"

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
|||||
26 AAAAAAAAAAAAAAAAAAAAAA 4

RESULT 133
AX528804/c AX528804 26 bp DNA linear PAT 21-NOV-2002
LOCUS Sequence 53 from Patent WO02059357.
DEFINITION AX528804
ACCESSION AX528804
VERSION AX528804.1 GI:25172859
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Pedersen,M.L.
TITLE Assay and kit for analyzing gene expression
JOURNAL Patent: WO 02059357-A 53 01-AUG-2002;
FEATURES Location/Qualifiers
source 1..26
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic construct"

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
|||||
26 AAAAAAAAAAAAAAAAAAAAAA 4

RESULT 134
BD007174/c BD007174 26 bp DNA linear PAT 31-JAN-2002
LOCUS Method and composition for capturing multiple polynucleotide.
DEFINITION BD007174
ACCESSION BD007174
VERSION BD007174.1 GI:18635545
KEYWORDS JP 2001503973-A/2.
SOURCE unidentified
ORGANISM unidentified

unclassified.
REFERENCE 1 (bases 1 to 26)
AUTHORS Ognelli, R.A., Chen, J.C., Chiesa, C. and Fry, G.
TITLE Method and composition for capturing multiple polynucleotide
JOURNAL Patent: JP 2001503973-A 2 27-MAR-2001;
THE PERKIN ELMAR CORP
COMMENT OS . Unidentified
PN JP 2001503973-A/2
PD 27-MAR-2001
PF 02-OCT-1997 JP 1998516839
PR 04-OCT-1996 US 60/027832,12-JUN-1997 US 08/873437 PI
ROGER A O'NEILL, JAR CAIN CHEN, CLAUDIA CHIESA, GEORGE FRY PC
C1201/68, C12N15/09, C12N15/00
CC Strandedness: single;
FH Key
FT source
CC Topology: Linear;
Location/Qualifiers
FT source
1.26
Location/Qualifiers
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
DB 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 135
AXS30369/c
LOCUS AXS30369 18 bp DNA linear PAT 21-NOV-2002
DEFINITION Sequence 92 from Patent WO0240668.
ACCESSION AXS30369
VERSION AXS30369.1 GI:25173257
KEYWORDS
SOURCE . synthetic construct
ORGANISM synthetic construct
REFERENCE 1
ARTIFACTIAL sequences.
AUTHORS Techopp, J. and Martignon, F.
TITLE Proteins and dna sequences underlying these proteins used for
JOURNAL creating inflammations
Patent: WO 0240668-A 92 23-MAY-2002;
Apotech Research and Development Ltd. (CH)
FEATURES
source
1.18
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer JT1525"

Query Match 0.3%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 866 GTGCTAATGCCCTGATC 885
DB 18 GTGCTAATGCCCTGATC 1

RESULT 136
AXS30371
LOCUS AXS30371 18 bp DNA linear PAT 21-NOV-2002
DEFINITION Sequence 94 from Patent WO0240668.
ACCESSION AXS30371
VERSION AXS30371.1 GI:25173259
KEYWORDS
SOURCE . synthetic construct

ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Techopp, J. and Martignon, F.
TITLE Proteins and dna sequences underlying these proteins used for
JOURNAL creating inflammations
Patent: WO 0240668-A 94 23-MAY-2002;
Apotech Research and Development Ltd. (CH)
FEATURES
source
1.18
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer JT1527"

Query Match 0.3%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4411 GATGAGACTCTGTGTGG 4428
DB 1 GATGAGACTCTGTGTGG 18

RESULT 137
A64735/c
LOCUS A64735 21 bp DNA linear PAT 29-MAR-1999
DEFINITION Sequence 1 from Patent WO9729116.
ACCESSION A64735
VERSION A64735.1 GI:4530771
KEYWORDS
SOURCE . unidentified
ORGANISM unidentified
REFERENCE 1
AUTHORS Reese, C.B. and Rao, M.V.
TITLE SULPHUR CONTAINING DINUCLEOTIDE PHOSPHORAMIDITES
JOURNAL Patent: WO 9729116-A 1 14-AUG-1997;
CRUNCHEN LTD (GB)
FEATURES
source
1.21
Location/Qualifiers
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAGAGAGAGAGAAA 1200
DB 21 AGAGAAGAGAGAGAGAGA 1

RESULT 138
A64738/c
LOCUS A64738 21 bp DNA linear PAT 16-OCT-1999
DEFINITION Sequence 4 from Patent WO9729116.
ACCESSION A64738
VERSION A64738.1 GI:4530774
KEYWORDS
SOURCE . unidentified
ORGANISM unidentified
REFERENCE 1
AUTHORS Reese, C.B. and Rao, M.V.
TITLE SULPHUR CONTAINING DINUCLEOTIDE PHOSPHORAMIDITES
JOURNAL Patent: WO 9729116-A 4 14-AUG-1997;
CRUNCHEN LTD (GB)
FEATURES
source
1.21
Location/Qualifiers
/organism="unidentified"
/mol_type="unassigned DNA"

/db_xref="taxon:32644"
2
/mod_base=OTHER
modified_base 4
/mod_base=OTHER
modified_base 6
/mod_base=OTHER
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modified_base 18
/mod_base=OTHER
modified_base 20
/mod_base=OTHER

Query Match 0.3%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1180 AGAGAAAGAGAGAGAGAAA 1200
Db 21 AGAGAGAGAGAGAGAGAGAGA 1

RESULT 139
AR361156 AR361156 21 bp DNA linear PAT 17-AUG-2003
LOCUS Sequence 16 from patent US 6599700.
DEFINITION AR361156
ACCESSION AR361156
VERSION AR361156.1 GI:33768861
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 21)
AUTHORS Bellacosa, A.
TITLE Methods for detection of transition single-nucleotide polymorphisms
JOURNAL Patent: US 6599700-A 16 29-JUL-2003;
FEATURES Location/Qualifiers
1..21
source /organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1415 GAAGCTGGCGCTGATTATGTGG 1435
Db 1 GAAGCTGACCTGATATATGTGG 21

RESULT 140
AX104716/c AX104716 22 bp DNA linear PAT 30-APR-2001
LOCUS Sequence 908 from Patent WO0122972.
DEFINITION AX104716
ACCESSION AX104716
VERSION AX104716.1 GI:13920913
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Krieg, A.M., Schetter, C. and Vollmer, J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 908 05-APR-2001;

UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
FEATURES Location/Qualifiers
source 1..22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1180 AGAGAAAGAGAGAGAGAAA 1200
Db 22 AGAGAGAGAGAGAGAGAGAGA 2

RESULT 141
AX547769/c AX547769 22 bp DNA linear PAT 01-MAR-2003
LOCUS Sequence 908 from Patent WO02053141.
DEFINITION AX547769
ACCESSION AX547769
VERSION AX547769.1 GI:25812913
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Bratzler, R.L.
TITLE Inhibition of angiogenesis by nucleic acids
JOURNAL Patent: WO 02053141-A 908 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
FEATURES Location/Qualifiers
1..22
source /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"

Query Match 0.3%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1180 AGAGAAAGAGAGAGAGAAA 1200
Db 22 AGAGAGAGAGAGAGAGAGAGA 2

RESULT 142
AR026545 AR026545 24 bp DNA linear PAT 29-SEP-1999
LOCUS Sequence 8 from patent US 5856103.
DEFINITION AR026545
ACCESSION AR026545
VERSION AR026545.1 GI:5937385
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 24)
AUTHORS Gray, D.M. and Clark, C.L.
TITLE Method for selectively ranking sequences for antisense targeting
JOURNAL Patent: US 5856103-A 8 05-JAN-1999;
FEATURES Location/Qualifiers
1..24
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1180 AGAGAAAGAGAGAGAGAAA 1200

Db 1 AGAGAGAGAGAGAGAGAGA 21

RESULT 143

AR026546/c 24 bp DNA 11near PAT 29-SEP-1999

LOCUS AR026546/c

DEFINITION Sequence 9 from patent US 5856103.

ACCESSION AR026546

VERSION AR026546.1 GI:5937386

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)

AUTHORS Gray,D.M. and Clark,C.L.

TITLE Method for selectively ranking sequences for antisense targeting

JOURNAL Patent: US 5856103-A 9 05-JAN-1999;

FEATURES

source 1..24

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 24;

Best Local Similarity 90.5%; Pred. No. 2.4e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200

Db 23 AGAGAGAGAGAGAGAGAGA 3

RESULT 144

AR026547/c 24 bp DNA 11near PAT 29-SEP-1999

LOCUS AR026547

DEFINITION Sequence 10 from patent US 5856103.

ACCESSION AR026547

VERSION AR026547.1 GI:5937387

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)

AUTHORS Gray,D.M. and Clark,C.L.

TITLE Method for selectively ranking sequences for antisense targeting

JOURNAL Patent: US 5856103-A 10 05-JAN-1999;

FEATURES

source 1..24

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 24;

Best Local Similarity 90.5%; Pred. No. 2.4e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200

Db 23 AGAGAGAGAGAGAGAGAGA 3

RESULT 145

AR026548 24 bp DNA 11near PAT 29-SEP-1999

LOCUS AR026548

DEFINITION Sequence 11 from patent US 5856103.

ACCESSION AR026548

VERSION AR026548.1 GI:5937388

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)

AUTHORS Gray,D.M. and Clark,C.L.

TITLE Method for selectively ranking sequences for antisense targeting

JOURNAL Patent: US 5856103-A 11 05-JAN-1999;

FEATURES

source 1..24

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 24;

Best Local Similarity 90.5%; Pred. No. 2.4e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200

Db 1 AGAGAGAGAGAGAGAGAGA 21

RESULT 146

AR128993 24 bp DNA 11near PAT 16-MAY-2001

LOCUS AR128993

DEFINITION Sequence 8 from patent US 6183966.

ACCESSION AR128993

VERSION AR128993.1 GI:14116655

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)

AUTHORS Gray,D.M. and Clark,C.L.

TITLE Apparatus and method for selectively ranking sequences for antisense targeting

JOURNAL Patent: US 6183966-A 8 06-FEB-2001;

FEATURES

source 1..24

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 24;

Best Local Similarity 90.5%; Pred. No. 2.4e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200

Db 1 AGAGAGAGAGAGAGAGAGA 21

RESULT 147

AR128994/c 24 bp DNA 11near PAT 16-MAY-2001

LOCUS AR128994

DEFINITION Sequence 9 from patent US 6183966.

ACCESSION AR128994

VERSION AR128994.1 GI:14116656

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)

AUTHORS Gray,D.M. and Clark,C.L.

TITLE Apparatus and method for selectively ranking sequences for antisense targeting

JOURNAL Patent: US 6183966-A 9 06-FEB-2001;

FEATURES

source 1..24

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 24;

Best Local Similarity 90.5%; Pred. No. 2.4e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200

Db 24 AGAGAGAGAGAGAGAGAGA 4

RESULT 148

AR128995/c 24 bp DNA linear PAT 16-MAY-2001
LOCUS AR128995 Sequence 10 from patent US 6183966.
ACCESSION AR128995
VERSION AR128995.1 GI:14116657
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 24)
TITLE Gray,D.M. and Clark,C.L.
JOURNAL Apparatus and method for selectively ranking sequences for
FEATURES antisense targeting
Patent: US 6183966-A 10 06-FEB-2001;
Location/Qualifiers
1. .24
/organism="unknown"
/mol_type="unassigned DNA"
source

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
DB 23 AGAGAGAGAGAGAGAGAGAGA 3

RESULT 149
AR128996 24 bp DNA linear PAT 16-MAY-2001
LOCUS AR128996 Sequence 11 from patent US 6183966.
ACCESSION AR128996
VERSION AR128996.1 GI:14116658
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 24)
TITLE Gray,D.M. and Clark,C.L.
JOURNAL Apparatus and method for selectively ranking sequences for
FEATURES antisense targeting
Patent: US 6183966-A 11 06-FEB-2001;
Location/Qualifiers
1. .24
/organism="unknown"
/mol_type="unassigned DNA"
source

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
DB 2 AGAGAGAGAGAGAGAGAGAGA 22

RESULT 150
AR202467/c 24 bp DNA linear PAT 20-APR-2002
LOCUS AR202467 Sequence 1 from patent US 6362322.
ACCESSION AR202467
VERSION AR202467.1 GI:20257006
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 24)
TITLE Gray,D.M. and Hashem,G.M.
JOURNAL Conversion of a watson-crick DNA to a hoogsteen-paired duplex
FEATURES Patent: US 6362322-A 1 26-MAR-2002;
Location/Qualifiers
1. .24
source

/organism="unknown"
/mol_type="unassigned DNA"
source

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
DB 24 AGAGAGAGAGAGAGAGAGAGA 4

RESULT 151
AR202468 24 bp DNA linear PAT 20-APR-2002
LOCUS AR202468 Sequence 2 from patent US 6362322.
ACCESSION AR202468
VERSION AR202468.1 GI:20257007
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 24)
TITLE Gray,D.M. and Hashem,G.M.
JOURNAL Conversion of a watson-crick DNA to a hoogsteen-paired duplex
FEATURES Patent: US 6362322-A 2 26-MAR-2002;
Location/Qualifiers
1. .24
/organism="unknown"
/mol_type="unassigned DNA"
source

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
DB 1 AGAGAGAGAGAGAGAGAGAGA 21

RESULT 152
AR202469 24 bp DNA linear PAT 20-APR-2002
LOCUS AR202469 Sequence 3 from patent US 6362322.
ACCESSION AR202469
VERSION AR202469.1 GI:20257008
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 24)
TITLE Gray,D.M. and Hashem,G.M.
JOURNAL Conversion of a watson-crick DNA to a hoogsteen-paired duplex
FEATURES Patent: US 6362322-A 3 26-MAR-2002;
Location/Qualifiers
1. .24
/organism="unknown"
/mol_type="unassigned DNA"
source

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
DB 24 AGAGAGAGAGAGAGAGAGAGA 4

RESULT 153
AR202470 24 bp DNA linear PAT 20-APR-2002
LOCUS AR202470 Sequence 4 from patent US 6362322.
ACCESSION AR202470

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VERSION AR202470.1 GI:20257009
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 24)
AUTHORS Gray,D.M. and Hashem,G.M.
TITLE Conversion of a watson-crick DNA to a hoogsteen-paired duplex
JOURNAL Patent: US 6362322-A 4 26-MAR-2002;
FEATURES
    source
        /mol_type="unknown"
        /mol_type="unassigned DNA"

Query Match
Best Local Similarity 90.5%; Score 17.8; DB 1; Length 24;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
Db 24 AGAGAGAGAGAGAGAGAGA 4

RESULT 154
AR202471
LOCUS AR202471 24 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 5 from patent US 6362322.
ACCESSION AR202471
VERSION AR202471.1 GI:20257010
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 24)
AUTHORS Gray,D.M. and Hashem,G.M.
TITLE Conversion of a watson-crick DNA to a hoogsteen-paired duplex
JOURNAL Patent: US 6362322-A 5 26-MAR-2002;
FEATURES
    source
        /mol_type="unknown"
        /mol_type="unassigned DNA"

Query Match
Best Local Similarity 90.5%; Score 17.8; DB 1; Length 24;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
Db 24 AGAGAGAGAGAGAGAGAGA 4

RESULT 155
AR202472/c
LOCUS AR202472 24 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 6 from patent US 6362322.
ACCESSION AR202472
VERSION AR202472.1 GI:20257011
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 24)
AUTHORS Gray,D.M. and Hashem,G.M.
TITLE Conversion of a watson-crick DNA to a hoogsteen-paired duplex
JOURNAL Patent: US 6362322-A 6 26-MAR-2002;
FEATURES
    source
        /mol_type="unknown"
        /mol_type="unassigned DNA"

Query Match
Best Local Similarity 90.5%; Score 17.8; DB 1; Length 24;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 1180 AGAGAAAGAGAGAGAGAAA 1200
Db 24 AGAGAGAGAGAGAGAGAGA 4

RESULT 156
AR168752
LOCUS AR168752 24 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 28 from patent US 6288032.
ACCESSION AR168752
VERSION AR168752.1 GI:17904835
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 24)
AUTHORS Boyle,W.J., Lacey,D.L., Calzone,F.J. and Chang,M.-S.
TITLE Osteoprotegerin
JOURNAL Patent: US 6288032-A 28 11-SEP-2001;
FEATURES
    source
        /mol_type="unknown"
        /mol_type="unassigned DNA"

Query Match
Best Local Similarity 83.3%; Score 17.6; DB 1; Length 24;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4663 CAGATCGGAGAGCTGTCAGTTG 4686
Db 1 CAGATCTGAAGCTGCTCAGTTG 24

RESULT 157
AR205489
LOCUS AR205489 24 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 21 from patent US 6369027.
ACCESSION AR205489
VERSION AR205489.1 GI:21503084
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 24)
AUTHORS Boyle,W.J., Lacey,D.L., Calzone,F.J. and Chang,M.-S.
TITLE Osteoprotegerin
JOURNAL Patent: US 6369027-A 21 09-APR-2002;
FEATURES
    source
        /mol_type="unknown"
        /mol_type="unassigned DNA"

Query Match
Best Local Similarity 83.3%; Score 17.6; DB 1; Length 24;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4663 CAGATCGGAGAGCTGTCAGTTG 4686
Db 1 CAGATCTGAAGCTGCTCAGTTG 24

RESULT 158
AR391940
LOCUS AR391940 24 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 28 from patent US 6613544.
ACCESSION AR391940
VERSION AR391940.1 GI:40115689
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 24)
```

AUTHORS Boyle,W.J., Lacey,D.L., Calzone,F.J. and Chang,M.-S.
TITLE Osteoprotegerin
JOURNAL Patent: US 6613544-A 28 02-SEP-2003;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4663 CAGATCGGAAGCTGTCAGCTTG 4686
Db 1 CAGATCCTGAAGCTGCTCAGTTG 24

RESULT 159
AR431307/c 24 bp DNA linear PAT 18-DEC-2003
LOCUS AR431307
DEFINITION Sequence 1 from patent US 6651008.
ACCESSION AR431307
VERSION AR431307.1 GI:40193275
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 24)
AUTHORS Vaidberg,E.A., Adams,C.L., Sabry,J.H. and Crompton,A.M.
TITLE Database system including computer code for predictive cellular
bioinformatics
JOURNAL Patent: US 6651008-A 1 18-NOV-2003;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5389 AATTAAAAAATTCAAAAAGAAA 5412
Db 24 AATTAATAAAAAAAAAAAAAAAAAA 1

RESULT 160
AR431308/c 24 bp DNA linear PAT 18-DEC-2003
LOCUS AR431308
DEFINITION Sequence 2 from patent US 6651008.
ACCESSION AR431308
VERSION AR431308.1 GI:40193276
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 24)
AUTHORS Vaidberg,E.A., Adams,C.L., Sabry,J.H. and Crompton,A.M.
TITLE Database system including computer code for predictive cellular
bioinformatics
JOURNAL Patent: US 6651008-A 2 18-NOV-2003;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5393 AAAAAAATTCAAAAAGAAAAAT 5416
Db 24 AAAAAAATAAAAAAAAAAAT 1

RESULT 161
AX076505 24 bp DNA linear PAT 06-FEB-2001
LOCUS AX076505
DEFINITION Sequence 21 from Patent WO0103719.
ACCESSION AX076505
VERSION AX076505.1 GI:12711057
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Boyle,W.J., Lacey,D.L., Calzone,F.J., Chang,M.-S. and Senaldi,G.
TITLE Combination therapy for conditions leading to bone loss
JOURNAL Patent: WO 0103719-A 21 18-JAN-2001;
FEATURES Location/Qualifiers
source 1..24
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 17.6; DB 1; Length 24;

Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4663 CAGATCGGAAGCTGTCAGCTTG 4686
Db 1 CAGATCCTGAAGCTGCTCAGTTG 24

RESULT 162
AX361125 24 bp DNA linear PAT 15-FEB-2002
LOCUS AX361125
DEFINITION Sequence 9 from Patent EP117789.
ACCESSION AX361125
VERSION AX361125.1 GI:18693771
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Fluhehmann,B., Heim,M., Hunziker,W. and Weber,P.
TITLE Use of phytanic acid for the treatment of diabetes
JOURNAL Patent: EP 1177789-A 9 06-FEB-2002;
FEATURES Location/Qualifiers
source 1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="TagMan-probe for amplification of glucokinase cDNA
of rat primary hepatocytes"

modified_base 1
/note="5-carboxy-fluoresceine-adenine"
modified_base 24
/mol_base=OTHER
/note="6-carboxy-tetramethyl-rhodamin-cytosine"
modified_base=OTHER

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3128 AGCTGACCTGAGCTTCATGTC 3151
Db 1 AGCTGACCCGAGCTTCAAGAGC 24

RESULT 163
AX952222

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LOCUS       AX952222                24 bp    DNA             linear    PAT 08-JAN-2004
DEFINITION   Sequence 5 from Patent WO03097879.
ACCESSION    AX952222
VERSION      AX952222.1 GI:40782581
KEYWORDS     .
SOURCE       .
ORGANISM     .
REFERENCE    1
AUTHORS      Mano,H.
TITLE        Method of identifying pancreatic ductal carcinoma (pdc) specific
              genes using pancreatic ductal cells, method of testing for pdc
              using said genes, and method of screening pharmaceutical candidate
              compounds for treating or preventing pdc
JOURNAL      Patent: WO 03097879-A 5 27-NOV-2003;
              FUJISAWA PHARMACEUTICAL CO., LTD. (JP)
FEATURES     source
              1..24
              /organism="synthetic construct"
              /mol_type="unassigned DNA"
              /db_xref="taxon:32630"
              /note="An artificially synthesized primer sequence"
Query Match      0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      2692 GAGACTCGGACAAACGTTCTG 2715
Db      1 GAGACTCGACACCAACTACTG 24

RESULT 164
LOCUS       AX961625                24 bp    DNA             linear    PAT 14-JAN-2004
DEFINITION   Sequence 20 from Patent WO03101375.
ACCESSION    AX961625
VERSION      AX961625.1 GI:40881083
KEYWORDS     .
SOURCE       .
ORGANISM     .
REFERENCE    1
AUTHORS      Lopez,R.A.
TITLE        Immunostimulatory oligonucleotides and uses thereof
JOURNAL      Patent: WO 03101375-A 20 11-DEC-2003;
              IMMUNOTECH S.A. (AR)
FEATURES     source
              1..24
              /organism="synthetic construct"
              /mol_type="unassigned DNA"
              /db_xref="taxon:32630"
              /note="Immunostimulatory oligonucleotide"
Query Match      0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      5394 AAAAAATACAAAAGAAAAATG 5417
Db      24 AAAAAAAAAAAAAAAAACAAAATG 1

RESULT 165
LOCUS       AX961626                24 bp    DNA             linear    PAT 14-JAN-2004
DEFINITION   Sequence 21 from Patent WO03101375.
ACCESSION    AX961626
VERSION      AX961626.1 GI:40881084
KEYWORDS     .
SOURCE       .
ORGANISM     .
REFERENCE    1
AUTHORS      .
TITLE        synthetic construct
JOURNAL      .
COMMENT      .
              synthetic construct
              artificial sequences.

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REFERENCE    1
AUTHORS      Lopez,R.A.
TITLE        Immunostimulatory oligonucleotides and uses thereof
JOURNAL      Patent: WO 03101375-A 21 11-DEC-2003;
              IMMUNOTECH S.A. (AR)
FEATURES     source
              1..24
              /organism="synthetic construct"
              /mol_type="unassigned DNA"
              /db_xref="taxon:32630"
              /note="Immunostimulatory oligonucleotide"
Query Match      0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      5396 AAAAAATACAAAAGAAAAATGAA 5419
Db      24 AAAAAAAAAAAAAAAAACAAAATGAA 1

RESULT 166
LOCUS       AX961627                24 bp    DNA             linear    PAT 14-JAN-2004
DEFINITION   Sequence 22 from Patent WO03101375.
ACCESSION    AX961627
VERSION      AX961627.1 GI:40881085
KEYWORDS     .
SOURCE       .
ORGANISM     .
REFERENCE    1
AUTHORS      Lopez,R.A.
TITLE        Immunostimulatory oligonucleotides and uses thereof
JOURNAL      Patent: WO 03101375-A 22 11-DEC-2003;
              IMMUNOTECH S.A. (AR)
FEATURES     source
              1..24
              /organism="synthetic construct"
              /mol_type="unassigned DNA"
              /db_xref="taxon:32630"
              /note="Immunostimulatory oligonucleotide"
Query Match      0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      5398 AATACAAAAGAAAAATGAAAA 5421
Db      24 AAAAAAAAAAAAAAAAACAAAATGAAAA 1

RESULT 167
LOCUS       BD144742                24 bp    DNA             linear    PAT 17-JAN-2003
DEFINITION   Use of phyranic acid for the treatment of diabetes.
ACCESSION    BD144742
VERSION      BD144742.1 GI:27850500
KEYWORDS     .
SOURCE       .
ORGANISM     .
REFERENCE    1
AUTHORS      Fluehmann,B., Helm,M., Hunziker,W. and Weber,P.
TITLE        Use of phyranic acid for the treatment of diabetes
JOURNAL      Patent: JP 2002104964-A 9 10-APR-2002;
              ROCHE VITAMINS AG
COMMENT      OS Artificial Sequence
              PN JP 2002104964-A/9
              PD 10-APR-2002
              PP 01-AUG-2001 JP 2001233070
              PR 04-AUG-2000 EP 00116848.3
              PI BEAT FLUEHMANN,MANUEL HELM,WILLI HUNZIKER,PETER WEBER PC

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A61K31/20, A23J1/30, A61K31/16, A61K31/201, A61K31/215, A61P3/00, PC
A61P3/04,
PC A61P3/06, A61P3/10
CC TagMan-probe for amplification of glucokinase cDNA of rat CC
CC primary
CC hepatocytes
CC 6-carboxy-fluoresceine-adenine
CC 6-carboxy-tetramethyl-rhodamin-cytosine
FH Key Location/Qualifiers
FT modified base (1) . (1)
FT modified base (24) . (24) .
Location/Qualifiers
1. .24
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3128 AGCTGACCTGAGCTTCATGTGC 3151
Db 1 AGCTGACCCGAGCTTCAGAGAGC 24

RESULT 168
LOCUS AR137989 25 bp DNA linear PAT 16-JUN-2001
DEFINITION Sequence 103 from patent US 6197581.
ACCESSION AR137989
VERSION AR137989.1 GI:14479498
KEYWORDS
SOURCE
ORGANISM
Unknown.
Unclassified.
REFERENCE
1 (bases 1 to 25)
AUTHORS Antonli, F. and Paterson, J.M.
TITLE Human adenylate cyclase and use therefor
JOURNAL Patent: US 6197581-A 103 06-MAR-2001;
FEATURES
Location/Qualifiers
1. .25
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2565 GGGGGAGAGAGATGAGAGACAT 2588
Db 25 GGAGAAAGAAAGAGATGTGAACAT 2

RESULT 169
LOCUS CQ620091 25 bp DNA linear PAT 02-FEB-2004
DEFINITION Sequence 4831 from Patent WO0192524.
ACCESSION CQ620091
VERSION CQ620091.1 GI:41670309
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE
1 Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
Shannon, M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 4831 06-DEC-2001;
Aeomica, Inc. (US)
FEATURES
Location/Qualifiers
1. .25

FEATURES
source

/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3257 AGGACCTGGCCTCTGCTTAGTG 3280
Db 2 AGGACCTGGCCTCTCATCACTG 25

RESULT 170
LOCUS CQ620092 25 bp DNA linear PAT 02-FEB-2004
DEFINITION Sequence 4832 from Patent WO0192524.
ACCESSION CQ620092
VERSION CQ620092.1 GI:41670310
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE
1 Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
Shannon, M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 4832 06-DEC-2001;
Aeomica, Inc. (US)
FEATURES
Location/Qualifiers
1. .25
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3257 AGGACCTGGCCTCTGCTTAGTG 3280
Db 1 AGGACCTGGCCTCTCATCACTG 24

RESULT 171
LOCUS CQ628209 25 bp DNA linear PAT 02-FEB-2004
DEFINITION Sequence 12949 from Patent WO0192524.
ACCESSION CQ628209
VERSION CQ628209.1 GI:41678427
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE
1 Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
Shannon, M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 12949 06-DEC-2001;
Aeomica, Inc. (US)
FEATURES
Location/Qualifiers
1. .25
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2112 GATGAGCAGATGAAGCGAAGGA 2135

Db 2 GATGAAGCAGATGCACCAAGAGA 25

RESULT 172

LOCUS CQ628210 25 bp DNA 11near PAT 02-FEB-2004

DEFINITION Sequence 12950 from Patent WO0192524.

ACCESSION CQ628210

VERSION CQ628210.1 GI:41678428

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

AUTHORS Gu.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

TITLE Myosin-like gene expressed in human heart and muscle

JOURNAL Patent: WO 0192524-A 12950 06-DEC-2001;

FEATURES

source Location/Qualifiers

1..25

/organism="Homo sapiens"

/mol_type="unassigned DNA"

/db_xref="taxon:9606"

Query Match 0.3%; Score 17.6; DB 1; Length 25;

Best Local Similarity 83.3%; Pred. No. 2.6e+02;

Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2112 GATGACGAGATGACGAGAGA 2135

Db 1 GATGAAGCAGATGCACCAAGAGA 24

RESULT 173

LOCUS CQ628550 25 bp DNA 11near PAT 02-FEB-2004

DEFINITION Sequence 13290 from Patent WO0192524.

ACCESSION CQ628550

VERSION CQ628550.1 GI:41678768

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

AUTHORS Gu.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

TITLE Myosin-like gene expressed in human heart and muscle

JOURNAL Patent: WO 0192524-A 13290 06-DEC-2001;

FEATURES

source Location/Qualifiers

1..25

/organism="Homo sapiens"

/mol_type="unassigned DNA"

/db_xref="taxon:9606"

Query Match 0.3%; Score 17.6; DB 1; Length 25;

Best Local Similarity 83.3%; Pred. No. 2.6e+02;

Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3475 AGCAGACGAAACCAAGTGTGATG 3498

Db 2 AGCAGAGTGAAGCCAGTGTGAGG 25

RESULT 174

LOCUS CQ628552 25 bp DNA 11near PAT 02-FEB-2004

DEFINITION Sequence 13292 from Patent WO0192524.

ACCESSION CQ628552

VERSION CQ628552.1 GI:41678770

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

AUTHORS Gu.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

TITLE Myosin-like gene expressed in human heart and muscle

JOURNAL Patent: WO 0192524-A 13292 06-DEC-2001;

FEATURES

source Location/Qualifiers

1..25

/organism="Homo sapiens"

/mol_type="unassigned DNA"

/db_xref="taxon:9606"

Query Match 0.3%; Score 17.6; DB 1; Length 25;

Best Local Similarity 83.3%; Pred. No. 2.6e+02;

Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3476 GCAGACGAAACCAAGTGTGATGA 3499

Db 1 GCAGAGTGAAGCCAGTGTGAGGA 24

RESULT 175

LOCUS 129929 25 bp DNA 11near PAT 06-FEB-1997

DEFINITION Sequence 42 from patent US 5578468.

ACCESSION 129929

VERSION 129929.1 GI:1820720

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 25)

AUTHORS Pickup,D.J., Patel,D. and Antczak,J.B.

TITLE Site-specific RNA cleavage

JOURNAL Patent: US 5578468-A 42 26-NOV-1996;

FEATURES

source Location/Qualifiers

1..25

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 25;

Best Local Similarity 83.3%; Pred. No. 2.6e+02;

Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5398 AATACAAAGAAAGAAATGATAA 5421

Db 2 AAAACAAAAAAGAAAAA 25

RESULT 176

LOCUS AR434729 25 bp DNA 11near PAT 18-DEC-2003

DEFINITION Sequence 1152 from patent US 6656700.

ACCESSION AR434729

VERSION AR434729.1 GI:40197572

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 25)

AUTHORS Gu.Y. and Shannon,M.E.

TITLE Isoforms of human pregnancy-associated protein-B

JOURNAL Patent: US 6656700-A 1152 02-DEC-2003;

FEATURES

source Location/Qualifiers

1..25

/organism="unknown"

/mol_type="genomic DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5410 AAAAATGAAATTAAGCAATAG 5433
|||
DB 2 AAGAAATGAAATTAAGCAATAG 25

RESULT 177
LOCUS AR434731 25 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 1154 from patent US 6656700.
ACCESSION AR434731
VERSION AR434731.1 GI:40197574
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 25)
AUTHORS Gu,Y., and Shannon,M.E.
TITLE Isoforms of human pregnancy-associated protein-E
JOURNAL Patent: US 6656700-A 1154 02-DEC-2003;
FEATURES
source
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5411 AAAATGAAATTAAGCAATAGA 5434
|||
DB 1 AGAAATGAAATTAAGCAATAGA 24

RESULT 178
LOCUS AR461154 25 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 4831 from patent US 6686188.
ACCESSION AR461154
VERSION AR461154.1 GI:42696211
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 25)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 4831 03-FEB-2004;
FEATURES
source
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3257 AGGACCTGGCCTCTGCTTAGTG 3280
|||
DB 2 AGGACCTGGCCTCTCATCAGTG 25

RESULT 179
LOCUS AR461155 25 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 4832 from patent US 6686188.
ACCESSION AR461155

VERSION AR461155.1 GI:42696212
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 25)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 4832 03-FEB-2004;
FEATURES
source
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3257 AGGACCTGGCCTCTGCTTAGTG 3280
|||
DB 1 AGGACCTGGCCTCTCATCAGTG 24

RESULT 180
LOCUS AR469272 25 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 12949 from patent US 6686188.
ACCESSION AR469272
VERSION AR469272.1 GI:42704329
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 25)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 12949 03-FEB-2004;
FEATURES
source
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2112 GATGACGACGATGACGGAAGA 2135
|||
DB 2 GATGACGACGATGACGGAAGA 25

RESULT 181
LOCUS AR469273 25 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 12950 from patent US 6686188.
ACCESSION AR469273
VERSION AR469273.1 GI:42704330
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 25)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 12950 03-FEB-2004;
FEATURES
source
/organism="unknown"
/mol_type="genomic DNA"

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/organism="unknown"
/mol_type="genomic DNA"

Query Match      0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2112 GATGCAGCATGAGCGAAGGA 2135
DB      1 GATGAAGCATGACCAAGAGGA 24

RESULT 182
LOCUS      AR469613      25 bp      DNA      linear      PAT 20-FEB-2004
DEFINITION Sequence 13290 from patent US 6686188.
ACCESSION  AR469613
VERSION     AR469613.1 GI:42704670
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 25)
AUTHORS     Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
            Shannon,M.E.
TITLE       Polynucleotide encoding a human myosin-like polypeptide expressed
            predominantly in heart and muscle
            Patent: US 6686188-A 13290 03-FEB-2004;
            Location/Qualifiers
            1..25
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match      0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3475 AGCAGCGAAGACCAAGTGATG 3498
DB      2 AGCAGAGTGAGCCAGGTGAGG 25

RESULT 183
LOCUS      AR469615      25 bp      DNA      linear      PAT 20-FEB-2004
DEFINITION Sequence 13292 from patent US 6686188.
ACCESSION  AR469615
VERSION     AR469615.1 GI:42704672
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 25)
AUTHORS     Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
            Shannon,M.E.
TITLE       Polynucleotide encoding a human myosin-like polypeptide expressed
            predominantly in heart and muscle
            Patent: US 6686188-A 13292 03-FEB-2004;
            Location/Qualifiers
            1..25
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match      0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3476 GCAGACGGAACCAAGTGATGA 3499
DB      1 GCAGAGTGAAAGCCAGGTGAGGA 24

RESULT 184
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AX043526/c
LOCUS      AX043526      25 bp      DNA      linear      PAT 23-NOV-2000
DEFINITION Sequence 1092 from Patent WO065088.
ACCESSION  AX043526
VERSION     AX043526.1 GI:11342134
KEYWORDS
SOURCE      synthetic construct
ORGANISM    artificial sequences.
REFERENCE   1
AUTHORS     Ulfendahl,P.J. and Wong,K.C.
TITLE       Primers for identifying typing or classifying nucleic acids
            Patent: WO 0065088-A 1092 02-NOV-2000;
            Amersham Pharmacia Biotech AB (SE)
JOURNAL
FEATURES
source      1..25
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="HLA-C Heterozygote Primer Sequence"

Query Match      0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5392 TAAAAAATACAAAAGAAAAA 5415
DB      24 TGAAGAAATACCAAAAAAAAAA 1

RESULT 185
LOCUS      AX138773      25 bp      DNA      linear      PAT 30-MAY-2001
DEFINITION Sequence 103 from Patent EP1097991.
ACCESSION  AX138773
VERSION     AX138773.1 GI:14274530
KEYWORDS
SOURCE      synthetic construct
ORGANISM    artificial sequences.
REFERENCE   1
AUTHORS     Antoni,F. and Paterson,J.M.
TITLE       Human adenylate cyclase ix and use therefor
            Patent: EP 1097991-A 103 09-MAY-2001;
            MEDICAL RESEARCH COUNCIL (GB)
JOURNAL
FEATURES
source      1..25
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="Primer based on Mus sp. adenylyl cyclase 9"

Query Match      0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2565 GCGCGAGAGAGATGAGAAACAT 2588
DB      25 GGAGAGAAAGAGATGTAACAT 2

RESULT 186
LOCUS      AX500810      25 bp      DNA      linear      PAT 27-SEP-2002
DEFINITION Sequence 2117 from Patent EP1229046.
ACCESSION  AX500810
VERSION     AX500810.1 GI:23383103
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE   1
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```
AR069073/c
LOCUS AR069073 20 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 23 from patent US 5854410.
ACCESSION AR069073
VERSION AR069073.1 GI:6001280
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 20)
  Unclassified.
AUTHORS Arnold, L.J., Jr., Reynolds, M.A., Schwartz, D.A. and Dally, W.J.
TITLE Oligonucleoside cleavage compounds and therapies
JOURNAL Patent: US 5854410-A 23 29-DEC-1998;
FEATURES
  Location/Qualifiers
  1..20
    /organism="unknown"
    /mol_type="unassigned DNA"

Query Match
  0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1179 CAGAGAGAGAGAGAGAG 1197
Db 20 CAGAGAGAGAGAGAGAG 2

RESULT 192
AR084583 20 bp DNA linear PAT 01-SEP-2000
LOCUS AR084583
DEFINITION Sequence 72 from patent US 5981185.
ACCESSION AR084583
VERSION AR084583.1 GI:10011354
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 20)
  Unclassified.
AUTHORS Matson, R.S., Coassin, P.J., Rampel, J.B. and Caskey, C. Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 72 09-NOV-1999;
FEATURES
  Location/Qualifiers
  1..20
    /organism="unknown"
    /mol_type="unassigned DNA"

Query Match
  0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAGAGAGAGAGAG 1198
Db 1 AGAGAGAGAGAGAGAG 19

RESULT 193
AR084604 20 bp DNA linear PAT 01-SEP-2000
LOCUS AR084604
DEFINITION Sequence 93 from patent US 5981185.
ACCESSION AR084604
VERSION AR084604.1 GI:10011375
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 20)
  Unclassified.
AUTHORS Matson, R.S., Coassin, P.J., Rampel, J.B. and Caskey, C. Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 93 09-NOV-1999;
FEATURES
  Location/Qualifiers
  1..20
    /organism="unknown"
    /mol_type="unassigned DNA"

AR069073/c
LOCUS AR069073 20 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 23 from patent US 5854410.
ACCESSION AR069073
VERSION AR069073.1 GI:6001280
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 20)
  Unclassified.
AUTHORS Arnold, L.J., Jr., Reynolds, M.A., Schwartz, D.A. and Dally, W.J.
TITLE Oligonucleoside cleavage compounds and therapies
JOURNAL Patent: US 5854410-A 23 29-DEC-1998;
FEATURES
  Location/Qualifiers
  1..20
    /organism="unknown"
    /mol_type="unassigned DNA"

Query Match
  0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAGAGAGAGAGAG 1198
Db 20 AGAGAGAGAGAGAGAG 2

RESULT 194
AR16926 20 bp DNA linear PAT 03-APR-1996
LOCUS AR16926
DEFINITION Sequence 1 from patent US 5482836.
ACCESSION AR16926
VERSION AR16926.1 GI:1251834
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 20)
  Unclassified.
AUTHORS Cantor, C.R., Ito, T. and Smith, C.L.
TITLE DNA purification by triplex-affinity capture and affinity capture
JOURNAL Patent: US 5482836-A 1 09-JAN-1996;
FEATURES
  Location/Qualifiers
  1..20
    /organism="unknown"
    /mol_type="unassigned DNA"

Query Match
  0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAGAGAGAGAGAG 1198
Db 19 AGAGAGAGAGAGAGAG 1

RESULT 195
AR225072 20 bp DNA linear PAT 26-SEP-2002
LOCUS AR225072
DEFINITION Sequence 38 from patent US 6441156.
ACCESSION AR225072
VERSION AR225072.1 GI:23334207
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 20)
  Unclassified.
AUTHORS Lerman, M.I., Latif, F., Wei, M.-H., Dub, F.-M., Minna, J.D., Sekido, Y. and Gao, B.
TITLE Calcium channel compositions and methods of use thereof
JOURNAL Patent: US 6441156-A 38 27-AUG-2002;
FEATURES
  Location/Qualifiers
  1..20
    /organism="unknown"
    /mol_type="genomic DNA"

Query Match
  0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5074 CTGGTGCCACGACGCCA 5092
Db 1 CTGGTGCCACGACGCTCA 19

RESULT 196
AX298806 20 bp DNA linear PAT 26-NOV-2001
LOCUS AX298806
DEFINITION Sequence 440 from Patent WO01813749.
ACCESSION AX298806
```

VERSION	AX298806.1	GI:17128796
KEYWORDS	Mus sp.	
SOURCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.	
REFERENCE	Bachmanov,A.A., Beauchamp,G.K., Chatterjee,A., de Jong,P.J., Li,S., Li,X., Ohmen,J.D., Reed,D.R., Ross,D. and Tordoff,M.G. Gene and sequence variation associated with sensing carbohydrate compounds and other sweeteners Patent: WO 0183749-A 440 08-NOV-2001; WARNER-LAMBERT COMPANY (US) ; The Monell Chemical Senses Center (US)	
AUTHORS	1	
TITLE		
JOURNAL		
FEATURES	Location/Qualifiers	
source	1..20 /organism="Mus sp." /mol_type="unassigned DNA" /db_xref="taxon:10095"	
Query Match	0.3%; Score 17.4; DB 1;	Length 20;
Best Local Similarity	94.7%; Pred.No. 2.4e+02;	
Matches	18; Conservative 0; Mismatches 1;	Indels 0; Gaps 0;
OY	3124 ACCGAGCTGGACCTGAGCT	3142
Db	19 ACCAAGCTGGACCTGAGCT	1
RESULT 197		
LOCUS	AX298828	20 bp DNA linear PAT 26-NOV-2001
DEFINITION	Sequence 462 from Patent WO0183749.	
ACCESSION	AX298828	
VERSION	AX298828.1	GI:17128818
KEYWORDS	Mus sp. Mus sp. Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.	
REFERENCE	Bachmanov,A.A., Beauchamp,G.K., Chatterjee,A., de Jong,P.J., Li,S., Li,X., Ohmen,J.D., Reed,D.R., Ross,D. and Tordoff,M.G. Gene and sequence variation associated with sensing carbohydrate compounds and other sweeteners Patent: WO 0183749-A 462 08-NOV-2001; WARNER-LAMBERT COMPANY (US) ; The Monell Chemical Senses Center (US)	
AUTHORS	1	
TITLE		
JOURNAL		
FEATURES	Location/Qualifiers	
source	1..20 /organism="Mus sp." /mol_type="unassigned DNA" /db_xref="taxon:10095"	
Query Match	0.3%; Score 17.4; DB 1;	Length 20;
Best Local Similarity	94.7%; Pred.No. 2.4e+02;	
Matches	18; Conservative 0; Mismatches 1;	Indels 0; Gaps 0;
OY	3124 ACCGAGCTGGACCTGAGCT	3142
Db	19 ACCAAGCTGGACCTGAGCT	1
RESULT 198		
LOCUS	A64736/c	21 bp DNA linear PAT 29-MAR-1999
DEFINITION	Sequence 2 from Patent WO9729116.	
ACCESSION	A64736	
VERSION	A64736.1	GI:4530772
KEYWORDS	unidentified unidentified unclassified.	
SOURCE		
ORGANISM		

[illegible]

DEFINITION Sequence 358 from Patent WO0183749.
ACCESSION AX298724
VERSION AX298724.1 GI:17128714
KEYWORDS
SOURCE Mus sp.
ORGANISM Mus sp.
REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
AUTHORS Bachmanov,A.A., Beauchamp,G.K., Chatterjee,A., de Jong,P.J., Li,S., Li,X., Ohmen,J.D., Reed,D.R., Ross,D. and Tordoff,M.G.
TITLE Gene and sequence variation associated with sensing carbohydrate compounds and other sweeteners
JOURNAL Patent: WO 0183749-A 358 08-NOV-2001;
WARNER-LAMBERT COMPANY (US) ; The Monell Chemical Senses Center (US)

FEATURES
source Location/Qualifiers
1..22
/organism="Mus sp."
/mol_type="unassigned DNA"
/db_xref="taxon:10095"

Query Match 0.3%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3597 TCAGGCTAATCTCAACTC 3615
|||||
1 TCAGGCTAATCTCAACTC 19

Db 1 TCAGGCTAATCTCAACTC 19

RESULT 201
LOCUS A50109 23 bp DNA linear PAT 07-MAR-1997
DEFINITION Sequence 13 from Patent WO9612821.
ACCESSION A50109
VERSION A50109.1 GI:2303270
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 23)
AUTHORS Baird,D.M., Royle,N.J. and Jeffreys,A.J.
TITLE METHOD FOR CHARACTERISING VARIABILITY IN TELOMERE DNA BY PCR
JOURNAL Patent: WO 9612821-A 13 02-MAY-1996;
ZENECA LTD (GB)
COMMENT Other publication GB 2294322 960424.
FEATURES
source Location/Qualifiers
1..23
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 17.4; DB 1; Length 23;
Best Local Similarity 94.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 228 CCCTCACCTCACCTCC 246
|||||
1 CCCTCACCTCACCTCC 19

Db 1 CCCTCACCTCACCTCC 19

RESULT 202
LOCUS ARI52585 23 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 13 from patent US 6235468.
ACCESSION ARI52585
VERSION ARI52585.1 GI:15120117
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 Unclassified.
1 (bases 1 to 23)

AUTHORS Baird,D.Martin., Royle,N.Jane. and Jeffreys,A.John.
TITLE Method for characterising variability in telomere DNA by PCR
JOURNAL Patent: US 6235468-A 13 22-MAY-2001;
FEATURES
source Location/Qualifiers
1..23
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.4; DB 1; Length 23;
Best Local Similarity 94.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 228 CCCTCACCTCACCTCC 246
|||||
1 CCCTCACCTCACCTCC 19

Db 1 CCCTCACCTCACCTCC 19

RESULT 203
LOCUS ARI64336 22 bp DNA linear PAT 17-OCT-2001
DEFINITION Sequence 19 from patent US 6271369.
ACCESSION ARI64336
VERSION ARI64336.1 GI:16235464
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 22)
AUTHORS Torrence,P.F., Silverman,R.H., Maitra,R.K. and Lesiak,K.
TITLE Chimeric molecules targeted to viral RNAs
JOURNAL Patent: US 6271369-A 19 07-AUG-2001;
FEATURES
source Location/Qualifiers
1..22
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAAA 5414
|||||
1 AAAAAATACAAAAAGAAAA 22

Db 1 AAAAAATACAAAAAGAAAA 22

RESULT 204
LOCUS I31828 22 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 19 from patent US 5583032.
ACCESSION I31828
VERSION I31828.1 GI:1822619
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 22)
AUTHORS Torrence,P., Silverman,R., Maitra,R. and Lesiak,K.
TITLE Method of cleaving specific strands of RNA
JOURNAL Patent: US 5583032-A 19 10-DEC-1996;
FEATURES
source Location/Qualifiers
1..22
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAAA 5414
|||||
1 AAAAAATACAAAAAGAAAA 22

Db 1 AAAAAATACAAAAAGAAAA 22

RESULT 205
LOCUS 169425 22 bp DNA linear PAT 04-FEB-1998
DEFINITION Sequence 19 from patent US 5677289.
ACCESSION 169425
VERSION 169425.1 GI:2831547
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 22)
AUTHORS Torrence,P., Silverman,R., Maitra,R. and Lesiak,K.
TITLE Method of cleaving specific strands of RNA and medical treatments thereby
JOURNAL Patent: US 5677289-A 19 14-OCT-1997;
FEATURES
source Location/Qualifiers
1..22
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAA 5414
Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 206
LOCUS A45285 23 bp DNA linear PAT 07-MAR-1997
DEFINITION Sequence 16 from Patent WO9518223.
ACCESSION A45285
VERSION A45285.1 GI:2299771
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 23)
AUTHORS Giovannangeli,C. and Helene,C.
TITLE GENE EXPRESSION CONTROL
JOURNAL PATENT: WO 9518223-A 16 06-JUL-1995;
CENTRE NAT RECH SCIENT (FR)
COMMENT Other publication CA 2180032 950706
Other publication FI 962693 960628
Other publication NO 962707 960626
Other publication ZA 9410367 950920
Other publication AU 1388495 950717
Other publication FR 2714383 950630.
Location/Qualifiers
1..23
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2560 GATGAGGGGAGAGAGAGATGG 2581
Db 2 GAAGAGGGAGAGAGAGAGAGAG 23

RESULT 207
LOCUS AR116265 23 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 16 from patent US 6133024.
ACCESSION AR116265
VERSION AR116265.1 GI:14096587
KEYWORDS
SOURCE Unknown.

ORGANISM Unknown.
REFERENCE 1 (bases 1 to 23)
AUTHORS Helene,C. and Giovannangeli,C.
TITLE Gene expression control
JOURNAL Patent: US 6133024-A 16 17-OCT-2000;
FEATURES
source Location/Qualifiers
1..23
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2560 GATGAGGGGAGAGAGATGG 2581
Db 2 GAAGAGGGAGAGAGAGAGAGAG 23

RESULT 208
LOCUS AX058583 23 bp DNA linear PAT 17-JAN-2001
DEFINITION Sequence 35 from Patent WO0077250.
ACCESSION AX058583
VERSION AX058583.1 GI:12310925
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Escude,C., Garestier,T., Helene,C. and Roulon,T.
TITLE Method for circularizing oligonucleotides around a double stranded nucleic acid, resulting structures and uses thereof
JOURNAL PATENT: WO 0077250-A 35 21-DEC-2000;
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) (FR) ; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR)
FEATURES
source Location/Qualifiers
1..23
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide"

Query Match 0.3%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2560 GATGAGGGGAGAGAGATGG 2581
Db 2 GAAGAGGGAGAGAGAGAGAGAG 23

RESULT 209
LOCUS AX767321 23 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 2 from Patent WO03042409.
ACCESSION AX767321
VERSION AX767321.1 GI:32260803
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Magnani,M., Graziano,F. and Ruzzo,A.
TITLE Mutations of the germinal line in the gene promoter of e-cadherine and diagnosis method to identify greater susceptibility to gastric carcinoma
JOURNAL Patent: WO 03042409-A 2 22-MAY-2003;
Universita' Degli Studi Di Urbino (It)
FEATURES
source Location/Qualifiers
1..23
/organism="synthetic construct"

/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR primer for identification of SNP on human E-Cadherine"

Query Match 0.3%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 2.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2641 CTGCAGCTGCTGCTGCAGCCAC 2662
DB 23 CTGCTGCTGCTGCTGCAGGTAC 2

RESULT 210
AX927891/c 23 bp DNA linear PAT 19-DEC-2003
LOCUS AX927891 Sequence 21 from Patent WO03084565.
DEFINITION AX927891
ACCESSION AX927891
VERSION AX927891.1 GI:40250610
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Nawroth,R., Deutsch,U., Vestweber,D., Shima,D.T. and Golding,M.
TITLE Ve-PCP as regulator of ve-cadherin mediated processes or disorders
JOURNAL Patent: WO 03084565-A 21 16-Oct-2003;
Max-Planck-Gesellschaft zur Foerderung der Wissenschaften e.V.
Berlin (DE)
FEATURES
source Location/Qualifiers
1..23
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence: primer"
misc_feature 23
/note="n=(v)"

Query Match 0.3%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 2.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAAATCAAAAAAGAAAA 5414
DB 22 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 211
AX446262/c 24 bp DNA linear PAT 03-JUL-2002
LOCUS AX446262 Sequence 2717 from Patent WO0216649.
DEFINITION AX446262
ACCESSION AX446262
VERSION AX446262.1 GI:21695161
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Gunderson,K.
TITLE Probes and decoder oligonucleotides
JOURNAL Patent: WO 0216649-A 2717 28-FEB-2002;
Illumina, Inc. (US)
FEATURES
source Location/Qualifiers
1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Computer Generated Probe Sequence."

Query Match 0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4371 CTTGGATCAGGATCAGGCTG 4392
DB 23 CTTGGATCAGGATCAGGTTG 2

RESULT 212
AX817782 24 bp DNA linear PAT 10-DEC-2003
LOCUS AX817782 Sequence 18 from Patent WO02067861.
DEFINITION AX817782
ACCESSION AX817782
VERSION AX817782.1 GI:39722977
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS
TITLE Oncolytic adenoviral vectors
JOURNAL Patent: WO 02067861-A 18 06-SEP-2002;
FEATURES
source Location/Qualifiers
1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Viral vector sequence"
misc_feature 1..24
/note="Fig. 1C. SV40 early Poly(A) site"
polyA_site 3..24

Query Match 0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAAATCAAAAAAGAAAA 5414
DB 3 AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 213
AX838369 24 bp DNA linear PAT 15-DEC-2003
LOCUS AX838369 Sequence 8 from Patent WO02068627.
DEFINITION AX838369
ACCESSION AX838369
VERSION AX838369.1 GI:39922050
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS
TITLE Vector constructs
JOURNAL Patent: WO 02068627-A 8 06-SEP-2002;
FEATURES
source Location/Qualifiers
1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Viral vector sequence"
misc_feature 1..24
/note="Fig. 1C. SV40 early Poly(A) site"
polyA_site 3..24

Query Match 0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAAATCAAAAAAGAAAA 5414
DB 3 AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 214

AX961630/c 24 bp DNA linear PAT 14-JAN-2004
LOCUS AX961630 Sequence 25 from Patent WO03101375.
DEFINITION AX961630
ACCESSION AX961630
VERSION AX961630.1 GI:40881088
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
JOURNAL
TITRE
JOURNAL
IMMUNOTECH S.A. (AR)
Patent: WO 03101375-A 25 11-DEC-2003;
Location/Qualifiers
1. .24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Immunostimulatory oligonucleotide"

Query Match 0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5404 AAAAAAAAAATGAAATGAAA 5425
Db 24 AAAAAAAAAATGAAAAAAAAA 3

RESULT 215
BD091564 24 bp DNA linear PAT 27-AUG-2002
LOCUS BD091564/c
DEFINITION Adult bone marrow-origin cell capable of differentiating into
myocardial cell.
ACCESSION BD091564.1 GI:22637175
VERSION BD091564.1
KEYWORDS WO 0148149-A/27.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 24)
AUTHORS Umezawa,A., Hata,J., Fukuda,K., Satoshi, Ogawa and Sakurada,K.
TITLE Adult bone marrow-origin cell capable of differentiating into
myocardial cell
JOURNAL Patent: WO 0148149-A 27 05-JUL-2001;
KYOWA HAKKO KOGYO CO LTD AKIHIRO UMEZAWA, JUNICHI HATA, KEIICHI
FUKUDA, SATOSHI OGAWA, KAZUHIRO SAKURADA
OS Artificial Sequence
PN WO 0148149-A/27
PD 05-JUL-2001
PF 28-FEB-2000 WO 2000JP001148
PR 28-DEC-1999 JP 99P 372826
PI AKIHIRO UMEZAWA, JUNICHI HATA, KEIICHI FUKUDA, SATOSHI PI
OGAWA, KAZUHIRO SAKURADA
PC C12N5/06, C12N5/00, A61K35/28, A61P41/00, A61K48/00, C07K16/18 CC
Description of Artificial Sequence: artificially synthesized CC
primer
CC sequence
FH key Location/Qualifiers.
1. .24
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1185 AAGAGAGAGAGAAATCGAG 1206
Db 22 AAGAGAGAGAGACATCTCAG 1

RESULT 216
BD094760/c 24 bp DNA linear PAT 27-AUG-2002
LOCUS BD094760/c
DEFINITION The cell having the potentiality of differentiation into
cardiomyocytes.
ACCESSION BD094760
VERSION BD094760.1 GI:22640348
KEYWORDS WO 0148150-A/27.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 24)
AUTHORS Umezawa,A., Hata,J., Fukuda,K., Ogawa,S., Sakurada,K., Gojo,S. and
Yamada,Y.
TITLE The cell having the potentiality of differentiation into
cardiomyocytes.
JOURNAL Patent: WO 0148150-A 27 05-JUL-2001;
KYOWA HAKKO KOGYO CO LTD AKIHIRO UMEZAWA, JUNICHI HATA, KEIICHI
FUKUDA, SATOSHI OGAWA, KAZUHIRO SAKURADA, SATOSHI GOJO, YOJI YAMADA
OS Artificial Sequence
PN WO 0148150-A/27
PD 05-JUL-2001
PF 02-NOV-2000 WO 2000JP007741
PR 28-DEC-1999 JP 99P 372826, 28-FEB-2000 WO PCTJP0001448 PI
AKIHIRO UMEZAWA, JUNICHI HATA, KEIICHI FUKUDA, SATOSHI OGAWA, PI
KAZUHIRO SAKURADA, SATOSHI GOJO, YOJI YAMADA
PC C12N5/06, C12N5/10, C12N15/09, A61K31/203, A61K35/28, A61K38/19, PC
A61K38/39,
PC A61K38/45, A61K48/00, A61P9/10, A61P41/00, C07K16/28, C12P21/08, PC
C12Q1/02,
PC C12Q1/48, G01N33/577
CC Description of Artificial Sequence: artificially synthesized
CC primer
CC sequence
FH key Location/Qualifiers
1. .24
/organism="Artificial Sequence".
FT source 1. .24
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1185 AAGAGAGAGAGAAATCGAG 1206
Db 22 AAGAGAGAGAGACATCTCAG 1

RESULT 217
BD096302/c 24 bp DNA linear PAT 27-AUG-2002
LOCUS BD096302
DEFINITION Cells capable of differentiating into myocardial cells.
ACCESSION BD096302
VERSION BD096302.1 GI:22641890
KEYWORDS WO 0148151-A/27.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 24)
AUTHORS Umezawa,A., Hata,J., Fukuda,K., Ogawa,S., Sakurada,K., Gojo,S. and
Yamada,Y.
TITLE Cells capable of differentiating into myocardial cells
JOURNAL Patent: WO 0148151-A 27 05-JUL-2001;
KYOWA HAKKO KOGYO CO LTD
OS Artificial Sequence
PN WO 0148151-A/27
PD 05-JUL-2001
PF 27-DEC-2000 WO 2000JP009323

PR 28-DEC-1999 JP 99P 372826,28-FEB-2000 WO PCTJP0001148 PR
02-NOV-2000 WO PCTJP0007741
PI AKIHIRO UMEZAWA, JUNICHI HATA, KEIICHI FUKUDA, SATOSHI OGAWA, PI
KAZUHIRO SAKURADA, SATOSHI GOJO, YOOI YAMADA
PC
C12N5/06, C12N5/08, C12P21/08, C12Q1/02, A61K35/28, A61K35/44, A61P9/ PC
06', A61P9/04//A61K38/18, C12N15/12
CC Description of Artificial Sequence: artificially synthesized
CC sequence primer
FH Key
FT source
FT Location/Qualifiers
1. .24
/organism='Artificial Sequence'.
/mol_type='genomic DNA'
/db_xref='taxon:32630'

FEATURES
source

Query Match 0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1185 AAGAGAGAGAGAGATCAGAG 1206
DB 22 AAGAGAGAGAGAGATCTCAG 1

RESULT 218
BD257668 17 bp DNA 1linear PAT 17-JUL-2003
LOCUS Regulation of repressor genes using nucleic acid molecules.
DEFINITION BD257668
ACCESSION BD257668.1 GI:33067438
VERSION JP 2002541795-A/5461.
KEYWORDS unclassified
SOURCE unclassified
ORGANISM unclassified.
1 (bases 1 to 17)
REFERENCE 1 (bases 1 to 17)
AUTHORS Blatt, L., Zwick, M., Pavco, P. and McSwiggen, J.
TITLE Regulation of repressor genes using nucleic acid molecules
JOURNAL Patent: JP 2002541795-A 5461 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
COMMENT OS Eukaryote
PN JP 2002541795-A/5461
PD 10-DEC-2002
PF 11-APR-2000 JP 200611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC
C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
C12P21/02,
PC
C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02, PC
C12R1:91),
PC (C12P21/02, C12R1:91), (C12P21/02, C12R1:91), C12N15/00, C12N5/00,
PC A61K37/02, C12N15/00, C12R1:91)
CC Regulation of repressor genes using nucleic acid molecules FH
Key Location/Qualifiers
FT source 1. .17
/organism='Eukaryote'.
/location/Qualifiers
1. .17
/organism='unclassified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

FEATURES
source

Query Match 0.3%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 5410 AAAAAATGAAATTAAG 5426

DB 17 AAAAAATGAAATTAAG 1

RESULT 219
AX738070 17 bp DNA 1linear PAT 08-MAY-2003
LOCUS Sequence 3660 from Patent WO03025177.
DEFINITION AX738070
ACCESSION AX738070
VERSION AX738070.1 GI:30517358
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 3660 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1. .17
/organism='Homo sapiens'
/mol_type='unassigned DNA'
/db_xref='taxon:9606'

Query Match 0.3%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 5238 GATCTACAGAGCAGC 5254
DB 1 GATCTACAGAGCAGC 17

RESULT 220
BD083992 20 bp DNA 1linear PAT 27-AUG-2002
LOCUS Membrane-bound netrin.
DEFINITION BD083992
ACCESSION BD083992.1 GI:22629602
VERSION JP 2001327289-A/14.
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
1 (bases 1 to 20)
REFERENCE 1 (bases 1 to 20)
AUTHORS Itohara, S., Nakashiba, T., Ikeda, T., Hajime, Tashiro and Honjo, T.
TITLE Membrane-bound netrin
JOURNAL Patent: JP 2001327289-A 14 27-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH
COMMENT OS Artificial Sequence
PN JP 2001327289-A/14
PD 27-NOV-2001
PF 19-MAY-2000 JP 2000148843
PI SHIGEMI ITOHARA, TOSHIKI NAKASHIBA, TOSHIO IKEDA, HAJIME PI
TASHIRO, TASUKU HONJO
PC C12N15/09, A01K67/027, C07K14/47, C07K16/18, C12N1/15, C12N1/19, PC
C12N1/21,
PC C12N5/10, C12P21/02, C12Q1/68//A61K38/00, A61K39/395, A61P25/00,
PC C12P21/08,
PC C12N15/00, C12N5/00, A61K37/02
CC Isoform specific primer for PCR
FH Key Location/Qualifiers
FT source 1. .20
/organism='Artificial Sequence'.
/location/Qualifiers
1. .20
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

FEATURES
source

Query Match 0.3%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1061 CAGCAGTCTGGGAGC 1077
Db 3 CAGCAGTCTGGGAGC 19

RESULT 221
LOCUS AR162405/c 20 bp DNA linear PAT 17-OCT-2001
DEFINITION Sequence 85 from patent US 6258600.
ACCESSION AR162405
VERSION AR162405.1 GI:16229583
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Zhang, H. and Cowse, L.M.
TITLE Antisense modulation of caspase 8 expression
JOURNAL Patent: US 6258600-A 85 10-JUL-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3175 CTTTGCCAGAGCTGAGACA 3194
Db 20 CTTTGCCAGAGCTGAGACA 1

RESULT 222
LOCUS BD177127/c 20 bp DNA linear PAT 16-APR-2003
DEFINITION A stress-tolerant plant.
ACCESSION BD177127
VERSION BD177127.1 GI:30014387
KEYWORDS JP 2002281979-A/10.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Kondo, S., Hoya, I. and Furusawa, I.
TITLE A stress-tolerant plant
JOURNAL Patent: JP 2002281979-A 10 02-OCT-2002;
COMMENT TOYOTA MOTOR CORP
OS Artificial Sequence
PN JP 2002281979-A/10
PD 02-OCT-2002
PF 28-MAR-2001 JP 2001091994
PI SATOSHI KONDO, IZUMI HOYA, IMAO FURUSAWA
PC C12N15/09, A01H5/00, C12N5/10, C12N9/06// (C12N9/08, C12R1:91), PC
C12N15/00
PC C12N5/00
CC Synthetic DNA
FH Key
FT source
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4539 CCAGTATCGAGAGCAGCTGA 4558
Db 20 CCAGTATCGAGAGCAGCTGA 1

RESULT 223
LOCUS AR305124 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 78 from patent US 6545137.
ACCESSION AR305124
VERSION AR305124.1 GI:31694434
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, D.,
Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.R., Metzker, M.L.,
Nakagawa, Y., Phillips, M.S. and Twells, R.C.U.
TITLE Receptor
JOURNAL Patent: US 6545137-A 78 08-APR-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3599 AGGCTAATCTCAACTCTG 3618
Db 1 AGGCTAATCTCAACTCTG 20

RESULT 224
LOCUS AR309228 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 78 from patent US 6555654.
ACCESSION AR309228
VERSION AR309228.1 GI:31701233
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, D.,
Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.R., Metzker, M.L.,
Nakagawa, Y., Phillips, M.S. and Twells, R.C.U.
TITLE LDI-receptor
JOURNAL Patent: US 6555654-A 78 29-APR-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3599 AGGCTAATCTCAACTCTG 3618
Db 1 AGGCTAATCTCAACTCTG 20

RESULT 225
LOCUS AR442550/c 20 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 158 from patent US 6670130.
ACCESSION AR442550
VERSION AR442550.1 GI:42669807
KEYWORDS

SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Kim, C.M., Park, H.K. and Jang, H.J.
JOURNAL Oligonucleotide for detection and identification of Mycobacteria
FEATURES Patent: US 6670130-A 158 30-DEC-2003;
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 193 CGTTGCCACACCCCATCTC 212
DB 20 CGTTCCACACCCGATCTC 1

RESULT 226
AX527818 20 bp DNA linear PAT 21-NOV-2002
LOCUS AX527818
DEFINITION Sequence 72 from Patent WO0230974.
ACCESSION AX527818
VERSION AX527818.1 GI:25172322
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS 1
Grosse, W.M., Alsdobrook, J.P., Lepley, D.M., Burgess, C.E., Mishra, V.,
Kekuda, R., Li, J., Padigan, M., Shinkens, R.A., Zernhosen, B.D.,
Spytek, K.A., Edinger, S., Gerlach, V., Macdougall, J., Stone, D.,
Gunther, E. and Ellerman, K.
TITLE Proteins and nucleic acids encoding same
JOURNAL Patent: WO 0230974-A 72 18-APR-2002;
Curagen Corporation (US)
FEATURES
source 1..20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="oligonucleotide primer"

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 574 AAGGAGGAGCTGAAGGATT 593
DB 1 AAGGAGGAGCTGAAGGAGAT 20

RESULT 227
BD106035 20 bp DNA linear PAT 18-SEP-2002
LOCUS BD106035
DEFINITION Novel LDL-receptor.
ACCESSION BD106035
VERSION BD106035.1 GI:23200853
KEYWORDS JP 2002501376-A/50.
SOURCE Chlamydia sp.
ORGANISM Chlamydia sp.
REFERENCE Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.
AUTHORS 1 (bases 1 to 20)
Todd, J.A., Heese, J.W., Caskey, C.T., Cox, R.D., Gerhold, D., Hammond, H.
and Hey, P.
TITLE Novel LDL-receptor
JOURNAL Patent: JP 2002501376-A 50 15-JAN-2002;
THE WELLCOME TRUST LTD AS TRUSTEE TO THE WELLCOME TRUST, MERCK & CO
INC
COMMENT PN JP 2002501376-A/50

PD 15-JAN-2002
PF 15-APR-1998 JP 1998543635
PR 15-APR-1997 US 60/043553, 05-JUN-1997 US 60/048740 PI
JOHN ANDREW TODD, JOHN WILFRED HESS, CHARLES
THOMAS CASKEY, ROGER
PI DAVID COX,
PI DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
PC C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17,
PC A61K39/395,
PC A61K48/00
CC Strandedness: Single;
CC Topology: Linear;
FH Key Location/Qualifiers
1..20
/organism="Chlamydia sp."
/mol_type="genomic DNA"
/db_xref="taxon:35827"

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3599 AGCTTAATCTCAACTCTG 3618
DB 1 AGCTGTGTCTCAACTCTG 20

RESULT 228
E36783 21 bp DNA linear PAT 18-JUN-2001
LOCUS E36783/c
DEFINITION Novel phoH.
ACCESSION E36783
VERSION E36783.1 GI:13022751
KEYWORDS JP 199253175-A/3.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 21)
AUTHORS Magudarena, S. and James, R.B.
TITLE Novel phoH
JOURNAL Patent: JP 199253175-A 3 21-SEP-1999;
SMITHKLINE BEECHAM CORP
OS Unidentified
COMMENT PN JP 199253175-A/3
PD 21-SEP-1999
PF 18-SEP-1998 JP 1998030154
PR 18-SEP-1997 US 08/932978
PI MAGUDARENA SARA KAIN, JAMES RAYMOND BURRAN
PC C12N15/09, A61K31/00, A61K38/00, A61K39/395, C12P21/02, C12Q1/68,
PC G01N33/15,
PC G01N33/50, G01N33/56, G01N33/66, G01N33/68, C12N15/09, C12R1/46, PC
C12N15/00,
PC A61K37/02, C12N15/00, C12R1/46)
CC Strandedness: Single;
CC Topology: Linear;
FH Key Location/Qualifiers
1..21
/organism="Unidentified".
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4932 GAACCTTGATGATGCTTGG 4951
DB 21 GACCTTGATGATGCTTGG 2

RESULT 229
LOCUS 165307
DEFINITION Sequence 29 from patent US 5667967.
ACCESSION 165307
VERSION 165307.1 GI:2481877
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Steinman, L., Oksenberg, J. and Bernard, C.
TITLE T-cell receptor variable transcripts as disease related markers
JOURNAL Patent: US 5667967-A 29 16-SEP-1997;
FEATURES
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 560 TCGAGTTCCTGAAGAGAG 579
Db 2 TCGAGCTCCTGTGAAGAGAG 21
|||||
|||||

RESULT 230
LOCUS BD088657
DEFINITION A method of arraying genome clone.
ACCESSION BD088657
VERSION BD088657.1 GI:22634267
KEYWORDS JP 2001321190-A/901.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 21)
AUTHORS Soeda, E.
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 901 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECBS
COMMENT OS Artificial Sequence
PN JP 2001321190-A/901
PD 20-NOV-2001
PF 12-MAR-2001 JP 2001068285
PI RIICHI SOEDA
PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
C12N15/00
CC Description of Artificial Sequence:Synthetic DNA FH Key
FT location/Qualifiers
FT source 1..21
/organism='Artificial Sequence'.
FEATURES
source 1..21
location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3600 GCGTATCTCAAACTCTCG 3619
Db 1 GCGTATCTTGAATCTCTCG 20
|||||
|||||

RESULT 231
LOCUS AB069296
DEFINITION Synthetic construct DNA, forward primer for human STS sts-AA007533
ACCESSION AB069296
VERSION AB069296.1 GI:15130100
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 21)
AUTHORS Chen, Y. Z., Hayashi, Y., Wu, J. G., Takaoka, E., Maekawa, K.,
Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H.,
Mochizuki, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A.
and Soeda, E.
TITLE A BAC-based STS-content map spanning a 35-kb region of human
JOURNAL chromosome 1p35-p36
MEDLINE Genomics 74 (1), 55-70 (2001)
PUBMED 11374902
REFERENCE 2 (bases 1 to 21)
AUTHORS Horii, A.
TITLE Direct Submission
JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology/ 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail: horiiemai.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
FEATURES
source 1..21
location/Qualifiers
misc_feature 1..21
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="forward primer for human STS sts-AA007533 at 1p36
sts-AA007533 obtained from clones B326A10, B361M21, Human
BAC library RPEC-11"

Query Match 0.3%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3600 GCGTATCTCAAACTCTCG 3619
Db 1 GCGTATCTTGAATCTCTCG 20
|||||
|||||

RESULT 232
LOCUS ARI45806
DEFINITION Sequence 44 from patent US 6218119.
ACCESSION ARI45806
VERSION ARI45806.1 GI:15108995
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 23)
AUTHORS Kuiper, M.T.R., Zabeau, M. and Vos, P.
TITLE Amplification of simple sequence repeats
JOURNAL Patent: US 6218119-A 44 17-APR-2001;
FEATURES
source 1..23
location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1179 CAGAGAAAGAGAGAGAGAAAT 1201
Db 1 CAGAGAGAGAGAGAGANNNAATT 23
|||||
|||||

RESULT 233
BD244863/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

BD244863 23 bp DNA linear PAT 17-JUL-2003
Oligonucleotide primer capable of making the non-specific double strand formation unstable.
BD244863
BD244863.1 GI:33054633
JP 2002532063-A/8.
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 23)
Pelletier,J. and Das,M.
Oligonucleotide primer capable of making the non-specific double strand formation unstable
Patent: JP 2002532063-A 8 02-OCT-2002;
MCGILL UNIVERSITY
OS Artificial Sequence
PN JP 2002532063-A/8
PD 02-OCT-2002 JP 2000574722
PE 06-OCT-1999 JP 2000574722
PR 07-OCT-1998 CA 2246623
PI JERRY PELLETIER, MANUJLA DAS
PC C12N15/09,C12Q1/68,C12N15/00
CC Description of Artificial Sequence: synthetic oligonucleotide
CC N = 3-Nitropropylene
CC N = 3-Nitropropylene
FH Key Location/Qualifiers
FT modified base (18).
FT Location/Qualifiers
1..23
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 16.8; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5394 AAAAAATACAAAAAGAAAAA 5415
DB 23 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 234
BD244865/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

BD244865 23 bp DNA linear PAT 17-JUL-2003
Oligonucleotide primer capable of making the non-specific double strand formation unstable.
BD244865
BD244865.1 GI:33054635
JP 2002532063-A/10.
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 23)
Pelletier,J. and Das,M.
Oligonucleotide primer capable of making the non-specific double strand formation unstable
Patent: JP 2002532063-A 10 02-OCT-2002;
MCGILL UNIVERSITY
OS Artificial Sequence
PN JP 2002532063-A/10
PD 02-OCT-2002 JP 2000574722
PE 06-OCT-1999 JP 2000574722
PR 07-OCT-1998 CA 2246623
PI JERRY PELLETIER, MANUJLA DAS
PC C12N15/09,C12Q1/68,C12N15/00
CC Description of Artificial Sequence: synthetic oligonucleotide
CC N - Inosine

CC N = Inosine
FH Key Location/Qualifiers
FT modified base (18).
FT Location/Qualifiers
1..23
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 16.8; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5394 AAAAAATACAAAAAGAAAAA 5415
DB 23 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 235
BD274420
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

BD274420 24 bp DNA linear PAT 17-JUL-2003
Improved assay and reagents therefor.
BD274420
BD274420.1 GI:33084188
JP 2002542804-A/9.
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 24)
Blair,R.D., Robinson,J.H., Snowden,B.W. and Tisdale,S.M.
Improved assay and reagents therefor
Patent: JP 2002542804-A 9 17-DEC-2002;
GLAXO GROUP LTD
OS Artificial Sequence
PN JP 2002542804-A/9
PD 17-DEC-2002 JP 2000615396
PE 26-APR-2000 JP 2000615396
PR 26-APR-1999 GB 9909793.3
PI EDWARD DUNCAN BLAIR, LAURENCE HENRY ROBINSON, BARBARA WENDY PI
SNOWDEN,
PI SYLVIA MARGARET TISDALE
PC C12N15/09,C12Q1/02,C12Q1/68,C12N15/00
CC Description of Artificial Sequence: Primer
FH Key Location/Qualifiers
FT source 1..24
/organism="Artificial Sequence".
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1261 AGCTTACAGCCCAACACCA 1280
DB 2 AGCTTACAGCCCAACACCA 21

RESULT 236
AX044437
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE

AX044437 24 bp DNA linear PAT 24-NOV-2000
Sequence 9 from Patent WO0066774.
AX044437
AX044437.1 GI:11343310
synthetic construct
synthetic construct
artificial sequences.
1

AUTHORS Blair,E.D., Robinson,L.H., Snowden,B.W. and Tisdale,S.M.
TITLE Improved assay and reagents therefor
PATENT: WO 0066774-A 9 09-NOV-2000;
JOURNAL GLAXO GROUP LIMITED (GB)

FEATURES
source Location/Qualifiers
1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.3%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1261 AGCCTACAGCCGCCACCA 1280
DB 2 AGCCACAGCCGCCACCA 21

RESULT 237
ARI78167

LOCUS ARI78167 18 bp DNA linear PAT 18-DEC-2001
DEFINITION Sequence 3 from patent US 6316186.
ACCESSION ARI78167
VERSION ARI78167.1 GI:17921060

KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE
AUTHORS 1 (bases 1 to 18)
TITLE Ekins,R.Philip.
JOURNAL Binding assay using binding agents with tail groups
PATENT: US 6316186-A 3 13-NOV-2001;
FEATURES Location/Qualifiers
1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGAGA 1198
DB 1 GAGAGAGAGAGAGAGA 18

RESULT 238
ARI78168
LOCUS ARI78168/c 18 bp DNA linear PAT 18-DEC-2001
DEFINITION Sequence 4 from patent US 6316186.
ACCESSION ARI78168
VERSION ARI78168.1 GI:17921061

KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE
AUTHORS 1 (bases 1 to 18)
TITLE Ekins,R.Philip.
JOURNAL Binding assay using binding agents with tail groups
PATENT: US 6316186-A 4 13-NOV-2001;
FEATURES Location/Qualifiers
1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAG 1197
|||||

DB 18 AGAGAGAGAGAGAGAG 1

RESULT 239
A65742

LOCUS A65742 19 bp DNA linear PAT 29-MAR-1999
DEFINITION Sequence 23 from Patent WO9735973.
ACCESSION A65742
VERSION A65742.1 GI:4531361

KEYWORDS
SOURCE unidentified
ORGANISM unclassified.

REFERENCE
AUTHORS 1
Lenzen,G., Plectri-Rouxel,F., Drumare, Marie-Francoise and
Strosberg,A.D.
TITLE CANINE beta 2- AND beta 3-ADRENERGIC RECEPTORS AND USE THEREOF
JOURNAL Patent: WO 9735973-A 23 02-OCT-1997;
VERTIGEN (FR)
Other publication FR 2746813 19971003.
FEATURES Location/Qualifiers
1..19
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 3.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4801 CTCAGCAGCTGAAGTATC 4818
DB 2 CTCAGCAGCTGAAGTACC 19

RESULT 240
E5448/c

LOCUS E5448 19 bp DNA linear PAT 27-AUG-2002
DEFINITION Peroxidase originating in paraquat-tolerant callus.
ACCESSION E5448
VERSION E5448.1 GI:22553514

KEYWORDS
SOURCE JP 2001095585-A/7.
ORGANISM synthetic construct
artificial sequences.

REFERENCE
AUTHORS 1 (bases 1 to 19)
TITLE Kondo,S., Hoya,I. and Furusawa,I.
JOURNAL Peroxidase originating in paraquat-tolerant callus
PATENT: JP 2001095585-A 7 10-APR-2001;
TOYOTA MOTOR CORP

COMMENT
OS Artificial Sequence
PN JP 2001095585-A/7
PD 10-APR-2001
PF 30-SEP-1999 JP 1999279690
PI SATOSHI KONDO,IZUMI HOYA,IWAO FURUSAWA
PC C12N15/09,A01HS/10,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N5/
PC C12N1/68,C12N15/00,C12N5/00,C12N5/00
CC Synthetic DNA
FH Key Location/Qualifiers
1..19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 3.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4541 AGTATCGAGAGCAGCTGA 4558
DB 18 AGTTTCAGAGCAGCTGA 1


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RESULT 241
BD228445/c 20 bp DNA linear PAT 17-JUL-2003
LOCUS IL-17 homologous polypeptide and its application to remedy.
DEFINITION BD228445
ACCESSION BD228445.1 GI:33038215
VERSION JP 2002515246-A/40.
KEYWORDS unclassified
SOURCE unclassified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Chen, J., Filvaroff, E., Goddard, A., Gurney, A. L., Li, H., and Wood, W. I.
TITLE IL-17 homologous polypeptide and its application to remedy
JOURNAL Patent: JP 2002515246-A 40 28-MAY-2002;
COMMENT GENE TECH INC
OS Unidentified
PN JP 2002515246-A/40
PD 28-MAY-2002
PF 14-MAY-1999 JP 2000549734
PR 15-MAY-1998 US 60/085579, 23-DEC-1998 US 60/113621 PI
JIAN CHEN, EILEEN FILVAROFF, AUDLEY GODDARD, AUSTIN L GURNEY, PI
HANZHONG LI,
PI WILLIAM I WOOD
PC C12N15/09, A61K38/21, A61K45/00, A61P19/00, C07K14/52, C07K16/24,
PC C07K19/00,
PC C12N1/19, C12N1/21, C12N5/10, C12P21/02, C12P21/08, C12Q1/00 PC
, C12Q1/68, C12N15/00,
PC A61K37/66, C12N5/00
CC Strandedness: Single;
CC Topology: Linear; polypeptide and its application to remedy FH
CC IL-17 homologous polypeptide and its application to remedy FH
Key Location/Qualifiers
FT source 1..20
LOCATION/Qualifiers
FEATURES
source 1..20
Location/Qualifiers
1..20
/organism="unclassified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 3.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGAGA 1198
DB 20 GAGAGAGAGAGAGAGA 3

RESULT 242
112665/c 20 bp DNA linear PAT 26-JUL-1995
LOCUS Sequence 75 from patent US 5427909.
DEFINITION 112665
ACCESSION 112665
VERSION 112665.1 GI:910047
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Okamoto, H., and Nakamura, T.
TITLE Oligonucleotides and determination system of HCV genotypes
JOURNAL Patent: US 5427909-A 75 27-JUN-1995;
FEATURES Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 3.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 801 TCCCTCATTCCTCCACAG 818
DB 20 TCCCTCATTCCTCCACAG 3

RESULT 243
AR208766/c 20 bp DNA linear PAT 20-JUN-2002
LOCUS Sequence 65 from patent US 6383808.
DEFINITION AR208766
ACCESSION AR208766
VERSION AR208766.1 GI:21510006
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Monia, B. P., and Freiler, S. M.
TITLE Antisense inhibition of clusterin expression
JOURNAL Patent: US 6383808-A 65 07-MAY-2002;
FEATURES Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 3.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2082 CTGGGTGCTCCTGCTGCTG 2099
DB 20 CTGGGTGCTCCTGCTGCTG 3

RESULT 244
AR314310 20 bp DNA linear PAT 12-JUN-2003
LOCUS Sequence 4847 from patent US 6559294.
DEFINITION AR314310
ACCESSION AR314310
VERSION AR314310.1 GI:31707736
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Grifflais, R., Hoisech, S. K., Zagursky, R. J., Metcalf, B. J., Peek, J. A.,
Sankaran, B., and Fletcher, L. D.
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 4847 06-MAY-2003;
FEATURES Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 3.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1620 CTTCACTGCGAGAGCT 1637
DB 2 CTTCACTGCGAGAGCT 19

RESULT 245
AR359670/c 20 bp DNA linear PAT 17-AUG-2003
LOCUS Sequence 40 from patent US 6593456.
DEFINITION AR359670
ACCESSION AR359670
VERSION AR359670.1 GI:33766414
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS
TITLE
JOURNAL
FEATURES

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REFERENCE 1 (bases 1 to 20)
AUTHORS Gatanaaga,T. and Granger,G.A.
TITLE Tumor necrosis factor receptor releasing enzyme
JOURNAL Patent: US 6593456-A 40 15-JUL-2003;
FEATURES
    source
        1..20
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match
Best Local Similarity 94.4%; Pred. No. 3.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGAGA 1198
    |||||
    20 GAGAGAGAGAGAGAGA 3

RESULT 246
BD012433/c 20 bp DNA linear PAT 02-AUG-2002
LOCUS A novel gene encoding TSP1-like protein.
DEFINITION BD012433
ACCESSION BD012433.1 GI:22092622
KEYWORDS WO 0109321-A/17.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Ota,T., Isegai,T., Nishikawa,T., Hayashi,K., Saito,K., Yamamoto,J.,
Ishii,S., Sugiyama,T., Wakamatsu,A., Nagai,K., Otsuki,T.,
Murakami,K., Yano,K., Kanazaki,K. and Inoue,Y.
TITLE A novel gene encoding TSP1-like protein
JOURNAL Patent: WO 0109321-A 17 08-FEB-2001;
HELIX RESEARCH INSTITUTE, TOSHIO OTA, TAKAO ISOGAI, TETSUO NISHIKAWA,
KOUJI HAYASHI, KAORU SAITO, JUNICHI YAMAMOTO, SHIZUKO ISHII, TOMOYASU
SUGIYAMA, AI WAKAMATSU, KEIICHI NAGAI, TETSUJI OTSUKI, KOJI MURAKAMI,
AZUHIRO YANO, KOJI KANZAKI, YOSHIIISA INOUE
OS Artificial Sequence
PN WO 0109321-A/17
PD 08-FEB-2001
PR 28-JUL-2000 WO 2000JP005068
PR 29-JUL-1999 JP 99P 248036,27-AUG-1999 JP 99P 300253 PR
11-JAN-2000 JP 00P 118776,02-MAY-2000 JP 00P 183767 PR
18-OCT-1999 US 60/159590,17-FEB-2000 US 60/183322 PI TOSHIO
OTA,TAKAO ISOGAI,TETSUO NISHIKAWA,KOUJI HAYASHI,PI KAORU SAITO,
PI JUNICHI YAMAMOTO,SHIZUKO ISHII,TOMOYASU SUGIYAMA,AI WAKAMATSU,
PI KEIICHI NAGAI,TETSUJI OTSUKI,KOJI MURAKAMI,KAZUHIRO YANO,PI
KOUJI KANZAKI,
PI YOSHIIISA INOUE
PC C12N15/12,C07K14/47,C07K16/18,C12P21/08
CC Description of Artificial Sequence:an artificially synthesized
primer
CC sequence KOJI KANZAKI,
FH Key Location/Qualifiers
    1..20
        /organism="synthetic construct"
        /mol_type="genomic DNA"
        /db_xref="taxon:32630"

Query Match
Best Local Similarity 94.4%; Pred. No. 3.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2376 CTACAGCTTCATTCACCT 2393
    |||||
    20 CTACAGCTTCATTCACCT 3

RESULT 247
AX096891/c

```

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LOCUS AX096891 21 bp DNA linear PAT 30-MAR-2001
DEFINITION Sequence 2069 from Patent WO0118250.
ACCESSION AX096891
VERSION AX096891.1 GI:13513159
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE 1
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.O. and
McCarty,J.J.
TITLE Single nucleotide polymorphisms in genes
JOURNAL Patent: WO 0118250-A 2069 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
Pharmaceuticals, Inc. (US)
FEATURES
    source
        1..21
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 79 CCTGTCTCTGCGGCTCTCC 98
    |||||
    20 CCTGTCTCTGCGGATGCTCC 1

RESULT 248
AX601193 22 bp DNA linear PAT 17-FEB-2003
LOCUS Sequence 288 from Patent WO02092851.
DEFINITION AX601193
ACCESSION AX601193
VERSION AX601193.1 GI:28401276
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Birns,M.M. and Swinburne,J.E.
TITLE Genetic Typing
JOURNAL Patent: WO 02092851-A 288 21-NOV-2002;
ANIMAL HEALTH TRUST (GB) ; The British Horseracing Board (GB)
FEATURES
    source
        1..22
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="Primer"

Query Match
Best Local Similarity 94.4%; Pred. No. 3.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4870 TCTCAGTTCTCTCTCTG 4887
    |||||
    3 TCTCAGTTCTCTCTCTG 20

RESULT 249
AR030359 21 bp DNA linear PAT 29-SEP-1999
LOCUS Sequence 18 from patent US 5861260.
DEFINITION AR030359
ACCESSION AR030359
VERSION AR030359.1 GI:5943573
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)

```

AUTHORS Doxsey,S.J.
 TITLE Diagnostic methods for screening patients for scleroderma
 JOURNAL Patent: US 5861260-A 18-19-JAN-1999;
 FEATURES Location/Qualifiers
 source 1..21
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
 Best Local Similarity 85.7%; Pred. No. 3.9e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2838 CAGCAGACAGATCAACATG 2858
 DB 1 CAGGCGTACAGTCAAGAG 21

RESULT 250
 LOCUS AR050998 21 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 10 from patent US 5830646.
 ACCESSION AR050998
 VERSION AR050998.1 GI:5974362
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)
 AUTHORS Tatin,D. and Matsumura,Y.
 TITLE Diagnostic method
 JOURNAL Patent: US 5830646-A 10-03-NOV-1998;
 FEATURES Location/Qualifiers
 source 1..21
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
 Best Local Similarity 85.7%; Pred. No. 3.9e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3255 CCAGACCTGGCTCTGTGCT 3275
 DB 21 CCAGAACTGTCTCTGGCT 1

RESULT 251
 LOCUS AR080294 21 bp DNA linear PAT 31-AUG-2000
 DEFINITION Sequence 13 from patent US 5968754.
 ACCESSION AR080294
 VERSION AR080294.1 GI:10007029
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)
 AUTHORS Watson,M.A. and Fleming,T.P.
 TITLE Mamaglobin, a mammary-specific breast cancer protein
 JOURNAL Patent: US 5968754-A 13-19-OCT-1999;
 FEATURES Location/Qualifiers
 source 1..21
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
 Best Local Similarity 85.7%; Pred. No. 3.9e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5413
 DB 21 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 252
 LOCUS AR084521 21 bp DNA linear PAT 01-SEP-2000
 DEFINITION Sequence 10 from patent US 5981185.
 ACCESSION AR084521
 VERSION AR084521.1 GI:10011292
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)
 AUTHORS Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
 TITLE Oligonucleotide repeat arrays
 JOURNAL Patent: US 5981185-A 10-09-NOV-1999;
 FEATURES Location/Qualifiers
 source 1..21
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
 Best Local Similarity 85.7%; Pred. No. 3.9e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5413
 DB 1 AAAAAAAAAAAAAAAAAAAAA 21

RESULT 253
 LOCUS AR084524 21 bp DNA linear PAT 01-SEP-2000
 DEFINITION Sequence 13 from patent US 5981185.
 ACCESSION AR084524
 VERSION AR084524.1 GI:10011295
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)
 AUTHORS Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
 TITLE Oligonucleotide repeat arrays
 JOURNAL Patent: US 5981185-A 13-09-NOV-1999;
 FEATURES Location/Qualifiers
 source 1..21
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
 Best Local Similarity 85.7%; Pred. No. 3.9e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5413
 DB 21 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 254
 LOCUS AR093143 21 bp DNA linear PAT 08-SEP-2000
 DEFINITION Sequence 12 from patent US 5998596.
 ACCESSION AR093143
 VERSION AR093143.1 GI:10019895
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)
 AUTHORS Bergan,R. and Neckers,L.
 TITLE Inhibition of protein kinase activity by aptameric action of
 oligonucleotides

JOURNAL Patent: US 5998596-A 12-07-DEC-1999;
 FEATURES Location/Qualifiers
 source 1..21

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/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.3%; Score 16.2; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAGAAAAAGAAAAAT 5413
DB 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 255
AR095412/c 21 bp DNA linear PAT 08-SEP-2000
LOCUS AR095412
DEFINITION Sequence 13 from patent US 6004756.
ACCESSION AR095412
VERSION AR095412.1 GI:10023262
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
  1 (bases 1 to 21)
  Watson,M.A. and Fleming,T.P.
  Method for detecting the presence of breast cancer by detecting an
  increase in mammaglobin mRNA expression
  Patent: US 6004756-A 13 21-DEC-1999;
  Location/Qualifiers
    1..21
    /organism="unknown"
    /mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.3%; Score 16.2; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAGAAAAAGAAAA 5413
DB 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 256
AR153849 21 bp DNA linear PAT 08-AUG-2001
LOCUS AR153849
DEFINITION Sequence 2 from patent US 6238624.
ACCESSION AR153849
VERSION AR153849.1 GI:15121902
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
  1 (bases 1 to 21)
  Heller,M.J., Tu,E., Evans,G.A. and Sosnowski,R.G.
  Methods for transport in molecular biological analysis and
  diagnostic
  Patent: US 6238624-A 2 29-MAY-2001;
  Location/Qualifiers
    1..21
    /organism="unknown"
    /mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.3%; Score 16.2; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AAAAAATTCAGAAAAAGAAAAAT 5416
DB 1 AAAAAAAAAAAAAAAAAAAAAAAT 21

RESULT 257
BD224108/c 21 bp DNA linear PAT 17-JUL-2003
LOCUS BD224108
```

```
DEFINITION Mammaglobin, breast cancer secretory protein specific to mamma.
ACCESSION BD224108
VERSION BD224108.1 GI:33033878
KEYWORDS JP 2002525098-A/10.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
  1 (bases 1 to 21)
  Watson,M.A. and Fleming,T.P.
  Mammaglobin, breast cancer secretory protein specific to mamma
  Patent: JP 2002525098-A 10 13-AUG-2002;
  WASHINGTON UNIVERSITY
OS Artificial Sequence
PN JP 2002525098-A/10
PD 13-AUG-2002
PF 29-SEP-1999 JP 2000572241
PR 29-SEP-1998 US 09/162622
PI MARK A WATSON,TIMOTHY P FLEMING
PC C12N15/09,C12Q1/68,G01N33/53,G01N33/566,G01N33/577//G01N33/574, PC
C12N15/00
CC Description of Artificial Sequence:Synthetic
FH Key 1..21 Location/Qualifiers
FT source /organism='Artificial Sequence'.
  1..21
  /organism="synthetic construct"
  /mol_type="genomic DNA"
  /db_xref="taxon:32630"

Query Match
Best Local Similarity 0.3%; Score 16.2; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAGAAAAAGAAAA 5413
DB 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 258
I136166 21 bp DNA linear PAT 13-MAY-1997
LOCUS I136166
DEFINITION Sequence 2 from patent US 5605662.
ACCESSION I136166
VERSION I136166.1 GI:2086679
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
  1 (bases 1 to 21)
  Heller,M.J. and Tu,E.
  Active programmable electronic devices for molecular biological
  analysis and diagnostics
  Patent: US 5605662-A 2 25-FEB-1997;
  Location/Qualifiers
    1..21
    /organism="unknown"
    /mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.3%; Score 16.2; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AAAAAATTCAGAAAAAGAAAAAT 5416
DB 1 AAAAAAAAAAAAAAAAAAAAAAAT 21

RESULT 259
I65744/c 21 bp DNA linear PAT 07-OCT-1997
LOCUS I65744
DEFINITION Sequence 13 from patent US 5668267.
```

ACCESSION 165744
VERSION 165744.1 GI:2482314
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 21)
TITLE Watson, M.A. and Fleming, T.P.
JOURNAL Polynucleotides encoding mammaglobin, a mammary-specific breast
FEATURES
source
cancer protein
Patent: US 5668267-A 13 16-SEP-1997;
Location/Qualifiers
1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAA 5413
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 260
AR228207/c
LOCUS AR228207 21 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 108 from patent US 6448003.
ACCESSION AR228207
VERSION AR228207.1 GI:27266953
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 21)
TITLE Guide, M. and Kurt, J.
JOURNAL Genotyping the human phenol sulfoltransferase 2 gene STP2
FEATURES
source
Location/Qualifiers
1..21
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1195 GAGAAATCAGAGAGAGAG 1215
Db 21 GAGAAAGCTGAGTAGGACAG 1

RESULT 261
AR241831/c
LOCUS AR241831 21 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 119 from patent US 6472154.
ACCESSION AR241831
VERSION AR241831.1 GI:27287643
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 21)
TITLE Garner, H.R., Wren, J.D., Minna, J.D. and Fondon, J.W. III.
JOURNAL Polymorphic repeats in human genes
Patent: US 6472154-A 119 29-OCT-2002;
Location/Qualifiers
1..21
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAA 5413
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 262
AR298620
LOCUS AR298620 21 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 10355 from patent US 6537751.
ACCESSION AR298620
VERSION AR298620.1 GI:31685904
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 21)
TITLE Cohen, D., Chumakov, I. and Blumenfeld, M.
JOURNAL Biallelic markers for use in constructing a high density
Patent: US 6537751-A 10355 25-MAR-2003;
Location/Qualifiers
1..21
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5184 CAAATTGGGGTTCAGCGTGG 5204
Db 1 CAAATTGGGGCTTAGCATGG 21

RESULT 263
AR307358
LOCUS AR307358 21 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 57 from patent US 6551775.
ACCESSION AR307358
VERSION AR307358.1 GI:31697885
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 21)
TITLE Lifton, R.P., Chang, S.S. and Rossier, B.C.
JOURNAL Method to diagnose and treat pathological conditions resulting from
Patent: US 6551775-A 57 22-APR-2003;
Location/Qualifiers
1..21
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2635 CCGTCCTGACAGTGTGCTG 2655
Db 1 CCGTCCTGACAGTGTGCTG 21

RESULT 264
AR322245/c
LOCUS AR322245 21 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 13 from patent US 6566072.
ACCESSION AR322245
VERSION AR322245.1 GI:33707814
KEYWORDS

SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Watson,M.A. and Fleming,T.P.
TITLE Mammaglobin, a secreted mammary-specific breast cancer protein
JOURNAL Patent: US 6566072-A 13 20-MAY-2003;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAA 5413
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 265
AR452591/c AR452591 21 bp mRNA linear PAT 20-FEB-2004
DEFINITION Sequence 13 from patent US 6677428.
ACCESSION AR452591
VERSION AR452591.1 GI:42684381
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Watson,M.A. and Fleming,T.P.
TITLE Mammaglobin, a secreted mammary-specific breast cancer protein
JOURNAL Patent: US 6677428-A 13 13-JAN-2004;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="mRNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAA 5413
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 266
AX104720/c AX104720 21 bp DNA linear PAT 30-APR-2001
LOCUS AX104720
DEFINITION Sequence 912 from Patent WO0122972.
ACCESSION AX104720
VERSION AX104720.1 GI:13920917
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kriegl,A.M., Schetter,C. and Vollmer,U.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 912 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DB)
FEATURES Location/Qualifiers
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAA 5413
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 267
AX108449/c AX108449 21 bp DNA linear PAT 30-APR-2001
LOCUS AX108449
DEFINITION Sequence 12 from Patent WO0123548.
ACCESSION AX108449
VERSION AX108449.1 GI:13923775
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Dorlt,R.L. and Cole,K.B.
TITLE Dna-cleaving nase p rna
JOURNAL Patent: WO 0123548-A 12 05-APR-2001;
YALE UNIVERSITY (US)
FEATURES Location/Qualifiers
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4263 CTTTCACCTCTACCTGATCCC 4283
Db 21 CTTTCACCTCTACCTGATCCC 1

RESULT 268
AX108450 AX108450 21 bp DNA linear PAT 30-APR-2001
LOCUS AX108450
DEFINITION Sequence 13 from Patent WO0123548.
ACCESSION AX108450
VERSION AX108450.1 GI:13923776
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Dorlt,R.L. and Cole,K.B.
TITLE Dna-cleaving nase p rna
JOURNAL Patent: WO 0123548-A 13 05-APR-2001;
YALE UNIVERSITY (US)
FEATURES Location/Qualifiers
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4263 CTTTCACCTCTACCTGATCCC 4283
Db 21 CTTTCACCTCTACCTGATCCC 1

RESULT 269
AX355812/c AX355812 21 bp DNA linear PAT 06-FEB-2002
LOCUS AX355812
DEFINITION Sequence 840 from Patent WO0197843.

Accession	Version	GI	Score	DB	Length	Matches	Indels	Gaps
AX355812	AX355812.1	GI:18620480	0.3%	DB 1	Length 21	Matches 18	Conservative 0	Mismatches 3
KEYWORDS	synthetic construct							
SOURCE	synthetic construct							
ORGANISM	artificial sequences.							
REFERENCE	1							
AUTHORS	Weiner, G. and Hartmann, G.							
TITLE	Methods for enhancing antibody-induced cell lysis and treating cancer							
JOURNAL	Patent: WO 0197843-A 840 27-DEC-2001;							
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)								
FEATURES	location/Qualifiers							
SOURCE	1..21							
	/organism="synthetic construct"							
	/mol_type="unassigned DNA"							
	/db_xref="taxon:32630"							
	/note="Synthetic oligonucleotide-phosphorothioate backbone"							
Query Match	0.3%; Score 16.2; DB 1; Length 21;							
Best Local Similarity	85.7%; Pred. No. 3.9e+02;							
Matches	18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;							
QY	5393	AAAAAAAAATCAAAAAAAAAAGAAA 5413						
Db	21	AAAAAAAAAAAAAAAAAAAAAAAAAAAA 1						
RESULT 270	AX384817/c	21 bp	DNA	linear	PAT 19-MAR-2002			
LOCUS	AX384817	Sequence 17 from Patent WO0210452.						
DEFINITION	AX384817							
ACCESSION	AX384817							
VERSION	AX384817.1	GI:19577951						
KEYWORDS								
SOURCE	synthetic construct							
ORGANISM	synthetic construct							
REFERENCE	1							
AUTHORS	Chang, C.							
TITLE	Methods and compositions for predicting prostate cancer							
JOURNAL	Patent: WO 0210452-A 17 07-FEB-2002;							
UNIVERSITY OF ROCHESTER (US)								
FEATURES	location/Qualifiers							
SOURCE	1..21							
	/organism="synthetic construct"							
	/mol_type="unassigned DNA"							
	/db_xref="taxon:32630"							
	/note="Sequence can be repeated one or more times"							
Query Match	0.3%; Score 16.2; DB 1; Length 21;							
Best Local Similarity	85.7%; Pred. No. 3.9e+02;							
Matches	18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;							
QY	1262	GCGTACAGCCGCCACCACCACC 1282						
Db	21	GCGACACACCCGCCACCACCACC 1						
RESULT 271	AX547773/c	21 bp	DNA	linear	PAT 01-MAR-2003			
LOCUS	AX547773	Sequence 912 from Patent WO02053141.						
DEFINITION	AX547773							
ACCESSION	AX547773							
VERSION	AX547773.1	GI:25812917						
KEYWORDS								
SOURCE	synthetic construct							
ORGANISM	synthetic construct							
REFERENCE	1							
AUTHORS	Bratzler, R.L.							
TITLE	Inhibition of angiogenesis by nucleic acids							

[illegible]

DEFINITION Sequence 29 from Patent WO03072818.
ACCESSION AX825131
VERSION AX825131.1 GI:39750860
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Boekenkamp,D., Dieck,T.H. and Hoppe,H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 29 04-SEP-2003;
Degussa Bioactives GmbH (DE)
FEATURES
source Location/Qualifiers
1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen Sequenz:Capture-Oligonukleotid"
misc_binding
1
/bound_moiety="Biotin"
modified_base
3
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base
6
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base
9
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base
12
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base
15
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base
18
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 5400 TACAAAAGAAAATGAAA 5420
|||||
Db 21 TACAAAAGAAAATGAAA 1
RESULT 274
AX825151/c
LOCUS AX825151 21 bp DNA linear PAT 11-DEC-2003
DEFINITION Sequence 49 from Patent WO03072818.
ACCESSION AX825151
VERSION AX825151.1 GI:39750880
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Boekenkamp,D., Dieck,T.H. and Hoppe,H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 49 04-SEP-2003;
Degussa Bioactives GmbH (DE)
FEATURES
source Location/Qualifiers
1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen Sequenz:Capture-Oligonukleotid"
misc_binding
1
/bound_moiety="Biotin"

modified_base 3
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 6
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 9
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 12
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 15
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 18
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 5391 TTAAAAAATCAGAAAAGAA 5411
|||||
Db 21 TTAAAAAATCAGAAAAGAA 1
RESULT 275
AX825158/c
LOCUS AX825158 21 bp DNA linear PAT 11-DEC-2003
DEFINITION Sequence 56 from Patent WO03072818.
ACCESSION AX825158
VERSION AX825158.1 GI:39750887
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Boekenkamp,D., Dieck,T.H. and Hoppe,H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 56 04-SEP-2003;
Degussa Bioactives GmbH (DE)
FEATURES
source Location/Qualifiers
1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen Sequenz:Capture-Oligonukleotid"
misc_binding
1
/bound_moiety="Biotin"
modified_base 3
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 6
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 9
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 12
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 15
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 18
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5401 AAAAAAAAAAATGAAA 5421
 |||||
 Db 21 AAAAAAAAAAAAAAAAAA 1

RESULT 276
 AX825163/c 21 bp DNA linear PAT 11-DEC-2003
 LOCUS Sequence 61 from Patent WO03072818.
 DEFINITION AX825163
 ACCESSION AX825163.1 GI:39750892
 VERSION
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCES 1 Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
 AUTHORS Method for sorting single-stranded nucleic acids
 JOURNAL Patent: WO 03072818-A 61 04-SEP-2003;
 Degussa Bioactives GmbH (DE)
 Location/Qualifiers
 1..21
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Beschreibung der kuenstlichen
 Sequenz: Capture-Oligonukleotid"
 misc_binding 1
 /bound_moiety="Biotin"
 modified_base 3
 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER
 modified_base 6
 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER
 modified_base 9
 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER
 modified_base 12
 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER
 modified_base 15
 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER
 modified_base 18
 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER

Query Match 0.3%; Score 16.2; DB 1; Length 21;
 Best Local Similarity 85.7%; Pred. No. 3.9e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATCAAAAAAGAAA 5412
 |||||
 Db 21 TAAAAAATCAAAAAAGAAA 1

RESULT 277
 AX825166/c 21 bp DNA linear PAT 11-DEC-2003
 LOCUS Sequence 64 from Patent WO03072818.
 DEFINITION AX825166
 ACCESSION AX825166.1 GI:39750895
 VERSION
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCES 1 Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
 AUTHORS Method for sorting single-stranded nucleic acids
 JOURNAL Patent: WO 03072818-A 64 04-SEP-2003;

FEATURES Degussa Bioactives GmbH (DE)
 source Location/Qualifiers
 1..21
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Beschreibung der kuenstlichen
 Sequenz: Capture-Oligonukleotid"
 misc_binding 1
 /bound_moiety="Biotin"
 modified_base 3
 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER
 modified_base 6
 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER
 modified_base 9
 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER
 modified_base 12
 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER
 modified_base 15
 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER
 modified_base 18
 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER

Query Match 0.3%; Score 16.2; DB 1; Length 21;
 Best Local Similarity 85.7%; Pred. No. 3.9e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAAGAAA 5413
 |||||
 Db 21 AAAAAAATCAAAAAAGAAA 1

RESULT 278
 BD070802 21 bp DNA linear PAT 27-AUG-2002
 LOCUS Method to diagnose and treat pathological conditions resulting from
 DEFINITION deficient ion transport such as Pseudohypoadosteronism type-1.
 BD070802
 ACCESSION BD070802.1 GI:22616405
 VERSION JP 2001514521-A/41.
 KEYWORDS unidentified
 SOURCE unidentified
 ORGANISM unidentified
 REFERENCES 1 (bases 1 to 21)
 AUTHORS Lifton, R.P., Chang, S.S. and Rossier, B.C.
 TITLES Method to diagnose and treat pathological conditions resulting from
 JOURNAL deficient ion transport such as Pseudohypoadosteronism type-1
 Patient: JP 2001514521-A 41 11-SEP-2001;
 YALB UNIVERSITY
 OS Unidentified
 PN JP 2001514521-A/41
 PD 11-SEP-2001
 PF 11-MAR-1998 JP 1996539716
 PR 11-MAR-1997 US 60/040171
 P1 RICHARD P LIFTON, SUE S CHANG, BERNARD C ROSSIER PC
 C1201/68, C07K16/18, C12N15/12, C12N5/10, C07K14/47 CC Strandedness:
 Single;
 CC Topology: Linear;
 CC /desc = 'primer'
 FH key Location/Qualifiers
 FT source 1..21
 /organism="Unidentified".
 FEATURES Location/Qualifiers
 source 1..21
 /organism="unidentified"
 /mol_type="genomic DNA"
 /db_xref="taxon:32644"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2635 CCGTCCCTGCAGCTGCTGCTG 2655
Db 1 CCTGCCCTGCAGCTGATGCTG 21

RESULT 279
BD080504 21 bp DNA linear PAT 27-AUG-2002
LOCUS BD080504
DEFINITION Atrial natriuretic factor variant and ischemic fit.
ACCESSION BD080504.1 GI:22626107
VERSION JP 2001514864-A/5
KEYWORDS JP 2001514864-A/5
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 21)
AUTHORS Shinkets,R.A.
TITLE Atrial natriuretic factor variant and ischemic fit
JOURNAL Patent: JP 2001514864-A 5 18-SEP-2001;
CURAGEN CORP

COMMENT OS Artificial Sequence
PN JP 2001514864-A/5
PD 18-SEP-2001
PF 20-AUG-1998 JP 2000509271
PR 21-AUG-1997 US 08/916043
PI RICHARD A SHINKETS
PC C12N15/09,A01K67/00,A61K38/22,A61P9/10,C07K14/58,G01N33/15, PC
G01N33/50//
PC C12P21/02,C12N15/00,A61K37/24
CC Description of Artificial Sequence: primer
FH Key Location/Qualifiers
FT source 1..21
FT Location/Qualifiers
1..21 /organism='Artificial Sequence',
source /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5146 GGAAACATTGGCTCTGGCTG 5166
Db 1 GGATCCATTGTCTCGGGCTG 21

RESULT 280
BD080832 21 bp DNA linear PAT 27-AUG-2002
LOCUS BD080832
DEFINITION Mamaglobin, a secreted mammary specific breast cancer protein.
ACCESSION BD080832
VERSION BD080832.1 GI:22626435
KEYWORDS JP 2001516569-A/10.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Watson,M.A. and Fleming,T.P.
TITLE Mamaglobin, a secreted mammary specific breast cancer protein
JOURNAL Patent: JP 2001516569-A 10 02-OCT-2001;
WASHINGTON UNIVERSITY
OS Unidentified
PN JP 2001516569-A/10
PD 02-OCT-2001
PF 18-SEP-1998 JP 2000511779
PR 18-SEP-1997 US 08/933149

PI MARK A WATSON,TIMOTHY P FLEMING
PC C12N15/09,A61K35/26,A61K39/00,A61K39/00,A61K39/395,A61K39/395,
PC A61P35/00,
PC C07K14/47,C12N15/00
CC Strandedness: Single;
CC Topology: linear;
CC Mamaglobin, a secreted mammary specific breast cancer protein
FH Key Location/Qualifiers
FT source 1..21
FT Location/Qualifiers
1..21 /organism='Unidentified',
source /organism='Unidentified',
1..21
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAA 5413
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 281
BD087491 21 bp DNA linear PAT 27-AUG-2002
LOCUS BD087491
DEFINITION Self-assembling microelectronic integration system capable of
designating self address, compartment device, mechanism, method and
operation for molecular biological analysis and diagnosis.
ACCESSION BD087491.1 GI:22633101
VERSION BD087491.1 GI:22633101
KEYWORDS JP 2001525193-A/2.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 21)
AUTHORS Sosnowski,R.G., Butler,W.F., Tu,E., Nerenberg,M.I., Heller,M.J. and
Edman,C.F.
TITLE Self-assembling microelectronic integration system capable of
designating self address, compartment device, mechanism, method and
operation for molecular biological analysis and diagnosis
JOURNAL Patent: JP 2001525193-A 2 11-DEC-2001;
NANOGEN INC

COMMENT OS Artificial Sequence
PN JP 2001525193-A/2
PD 11-DEC-2001
PF 01-DEC-1998 JP 2000524303
PR 05-DEC-1997 US 08/986065
PI RONALD G SOSNOWSKI,WILLIAM F BUTLER,EUGENE TU,MICHAEL I PI
NERENBERG,
PI MICHAEL J HELLER,CARL F EDMAN
PC C12Q1/66,C12N15/09,C12N15/00
CC Description of Artificial Sequence: Synthesized with u at 3'
CC terminus to
CC provide ribonucleic acid base for reactivity; Poly A sequence
CC for reduced
CC secondary structure
FH Key Location/Qualifiers
FT source 1..21
FT Location/Qualifiers
1..21 /organism='Artificial Sequence',
source /organism='Artificial Sequence',
1..21
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5396 AAAAAACAAAAAGAAAAAT 5416

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Db      1  AAAAAAAAAAAAAAAAAAAT 21

RESULT 282
LOCUS   I36998             22 bp  DNA      linear  PAT 13-MAY-1997
DEFINITION Sequence 11 from patent US 5612215.
ACCESSION I36998
VERSION   I36998.1  GI:2084958
KEYWORDS
SOURCE    Unknown.
ORGANISM  Unclassified.
REFERENCE 1 (bases 1 to 22)
AUTHORS   Draper,K.G., Pavco,P., McSwiggen,J., Gustofson,J. and
           Stinchcomb,D.T.
TITLE     Stromelysin targeted ribozymes
JOURNAL   Patent: US 5612215-A 11 18-MAR-1997;
FEATURES   Location/Qualifiers
           1..22
           /organism="unknown"
           /mol_type="unassigned DNA"

Query Match      0.3%; Score 16.2; DB 1; Length 22;
Best local Similarity 85.7%; Pred. No. 4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      104 CACCTCTTCAGCCTTGCG 124
Db      21 CACCTCTTCAGCCTTGCG 1

RESULT 283
LOCUS   I93848             22 bp  DNA      linear  PAT 01-DEC-1998
DEFINITION Sequence 11 from patent US 5731295.
ACCESSION I93848
VERSION   I93848.1  GI:3938318
KEYWORDS
SOURCE    Unknown.
ORGANISM  Unclassified.
REFERENCE 1 (bases 1 to 22)
AUTHORS   Draper,K.G., Pavco,P., McSwiggen,J., Gustofson,J. and
           Stinchcomb,D.T.
TITLE     Method of reducing stromelysin RNA via ribozymes
JOURNAL   Patent: US 5731295-A 11 24-MAR-1998;
FEATURES   Location/Qualifiers
           1..22
           /organism="unknown"
           /mol_type="unassigned DNA"

Query Match      0.3%; Score 16.2; DB 1; Length 22;
Best local Similarity 85.7%; Pred. No. 4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      104 CACCTCTTCAGCCTTGCG 124
Db      21 CACCTCTTCAGCCTTGCG 1

RESULT 284
LOCUS   AR198497           22 bp  DNA      linear  PAT 20-APR-2002
DEFINITION Sequence 5 from patent US 6352858.
ACCESSION AR198497
VERSION   AR198497.1  GI:20248346
KEYWORDS
SOURCE    Unknown.
ORGANISM  Unclassified.
REFERENCE 1 (bases 1 to 22)

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AUTHORS   Cowser,T.L.M. and Freier,S.M.
TITLE     Antisense modulation of BTK expression
JOURNAL   Patent: US 6352858-A 5 05-MAR-2002;
FEATURES   Location/Qualifiers
           1..22
           /organism="unknown"
           /mol_type="unassigned DNA"

Query Match      0.3%; Score 16.2; DB 1; Length 22;
Best local Similarity 85.7%; Pred. No. 4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      162 GGGAGAGATCTGAGGACACA 182
Db      2 GGGAGAGATCTGAGGACACA 22

RESULT 285
LOCUS   AX815844           22 bp  DNA      linear  PAT 09-DEC-2003
DEFINITION Sequence 99 from Patent WO03066891.
ACCESSION AX815844
VERSION   AX815844.1  GI:39646524
KEYWORDS
SOURCE    Sus scrofa (pig)
ORGANISM  Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
           Mammalia; Eutheria; Cetartiodactyla; Suidae; Sus.

REFERENCE 1
AUTHORS   Hardge,T., Schellander,K. and Wimmers,K.
TITLE     Genetic markers for the diagnosis of the expression of inverted
           nipples in pigs, breeding animals and domestic cattle
JOURNAL   Patent: WO 03066891-A 99 14-AUG-2003;
           Foerderverein Biotechnologieforschung der deutschen
           Schweineproduktion e.V. (DE)
FEATURES   Location/Qualifiers
           1..22
           /organism="Sus scrofa"
           /mol_type="unassigned DNA"
           /db_xref="taxon:9823"

Query Match      0.3%; Score 16.2; DB 1; Length 22;
Best local Similarity 85.7%; Pred. No. 4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3419 AGATGAGCGAGCACTGACGG 3439
Db      2 AGATGAGCGAGCACTGACGG 22

RESULT 286
LOCUS   AX926723           22 bp  DNA      linear  PAT 19-DEC-2003
DEFINITION Sequence 6 from Patent WO03085133.
ACCESSION AX926723
VERSION   AX926723.1  GI:40247011
KEYWORDS
SOURCE    Synthetic construct
ORGANISM  artificial sequences.
REFERENCE 1
AUTHORS   Nagaraju,J.G.
TITLE     Novel flaser-pcr primers and method of identifying genotyping
           diverse genomes of plant and animal systems including rice
           varieties, a kit thereof
JOURNAL   Patent: WO 03085133-A 6 16-OCT-2003;
           Centre for DNA fingerprinting and Diagnostics, Centre for; the
           Department of Biotechnology, Ministry of Science & Technology (IN)
FEATURES   Location/Qualifiers
           1..22
           /organism="synthetic construct"
           /mol_type="unassigned DNA"
           /db_xref="taxon:32630"

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/note="A novel FISRR-PCR primer for genotyping eukaryotes"
Query Match 0.3%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1174 GAAATCAGAGAGAGAGAGA 1194
DB 2 GTAAATGAGAGAGAGAGAGA 22

RESULT 287
LOCUS CQ788046 23 bp DNA linear PAT 24-MAR-2004
DEFINITION Sequence 352 from Patent WO2004020664.
ACCESSION CQ788046
VERSION CQ788046.1 GI:45722398
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 Geldermann, H., Preuss, S. and Han, Y.
AUTHORS Polymorphic microsatellite loci in genes for pre-diagnostic
TITLES purposes
JOURNAL Patent: WO 2004020664-A 352 11-MAR-2004;
UNIVERSITÄT HOHENHEIM (DB)
FEATURES Location/Qualifiers
source 1..23
/mol_type="Homo sapiens"
/db_xref="taxon:9606"
1..23
/note="M1, Allel A (Prp-Gen)"
satellite 1..4
repeat_unit 1..4 /note="Anzahl der Wiederholungen: 7"
repeat_unit 8..11 /note="Anzahl der Wiederholungen: 2"
repeat_unit 16..19 /note="Anzahl der Wiederholungen: 1"

Query Match 0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5403 AAAAAAGAAAAATGAAAA 5423
DB 22 AAAAAAGAAAAAGAAAA 2

RESULT 288
LOCUS AR256325 23 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 31 from patent US 6482937.
ACCESSION AR256325
VERSION AR256325.1 GI:27305826
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 23)
TITLES Baetischer, M.W., Akiyoshi, D.E. and Kaplan, R.A.
JOURNAL Porcine Oct-4 Promoter
FEATURES Patent: US 6482937-A 31 19-NOV-2002;
source Location/Qualifiers
1..23
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 4.1e+02;
Matches 18; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
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QY 3257 AGACCTGGCTCTGTGCTTACT 3279
DB 23 AGCTGCTGTGTCTGTGCTAACT 1

RESULT 289
LOCUS AX003445 23 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 25 from Patent WO928439.
ACCESSION AX003445
VERSION AX003445.1 GI:9927249
KEYWORDS
SOURCE B19 virus
ORGANISM B19 virus
REFERENCE Viruses; SEDNA viruses; Parvoviridae; Parvovirinae; Erythrovirus.
AUTHORS 1 Auguste, V., Garbarg-Chenon, A. and Nguyen, Q.T.
TITLES Erythrovirus and its applications
JOURNAL Patent: WO 928439-A 25 10-JUN-1999;
ASSIST PUBL HOPITAUX DE PARIS (FR); AUGUSTE VERONIQUE (FR); GARBARG
CHENON ANTOINE (FR); NGUYEN QUANG TRI (FR)
FEATURES Location/Qualifiers
source 1..23
/organism="B19 virus"
/mol_type="unassigned DNA"
/db_xref="taxon:10798"

Query Match 0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5400 TACAAAAAGAAAAATGAAA 5420
DB 2 TAAAAAATATAAAAATGAAA 22

RESULT 290
LOCUS BD078732 23 bp DNA linear PAT 27-AUG-2002
DEFINITION B type DNA polymerase mutant with improved performance in PCR.
ACCESSION BD078732
VERSION BD078732.1 GI:22624335
KEYWORDS JP 2001269188-A/12.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 23)
AUTHORS Sobek, H., Frey, B., Antzanikian, G., Boehlke, K., Pisani, F.M. and
TITLES Rossi, M.
JOURNAL B type DNA polymerase mutant with improved performance in PCR
COMMENT ROCHER DIAGNOSTICS GMBH
OS Artificial Sequence
PN JP 2001269188-A/12
PD 02-OCT-2001
PF 06-MAR-2001 JP 2001061781
PR 11-MAR-2000 EP 00105155.6
PI HARALD SOBEK, BRUNO FREY, GARABED ANTZANIKIAN, KRISTINA BOEHLKE,
PI FRANCESCA MARIA PISANI, MOSE ROSSI
PC C12N15/09, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12N9/10 PC
PC C12Q1/68//C12P19/34
PC C12N15/00, C12N5/00
CC Description of Artificial Sequence: Artificial FH Key
FEATURES Location/Qualifiers
FT source 1..23
/organism="Artificial Sequence".
1..23
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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FEATURES FT /organism='Eukaryote'.
source 1.17
/mol_type='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

Query Match 0.3%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5411 AAAAATGAAATTAAG 5426
DB 17 AAAAATGAAATTAAG 2

RESULT 295
BD257669/c 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Regulation of repressor genes using nucleic acid molecules.
ACCESSION BD257669
VERSION BD257669.1 GI:33067439
KEYWORDS JP 2002541795-A/5462.
SOURCE unidentified
ORGANISM unidentified
unclassified.
1 (bases 1 to 17)
Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
Regulation of repressor genes using nucleic acid molecules
Patent: JP 2002541795-A 5462 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
OS Eukaryote
PN JP 2002541795-A/5462
PD 10-DEC-2002
PR 11-APR-2000 JP 200611654
PR 12-APR-1999 US 60/129390
P1 LAWRENCE BLATT,MICHAEL ZWICK,PAMELA PAVCO,JAMES MCSWIGGEN PC
C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10, PC
C12P21/02,
PC
C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
C12R1:91),
PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,
PC A61K37/02,
PC (C12N5/00,C12R1:91)
CC Regulation of repressor genes using nucleic acid molecules FH
Key Location/Qualifiers
FT source 1.17
/organism='Eukaryote'.
Location/Qualifiers
1.17
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

Query Match 0.3%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5410 AAAAATGAAATTAAG 5425
DB 16 AAAAATGAAATTAAG 1

RESULT 296
AX599476/c 18 bp DNA linear PAT 14-FEB-2003
LOCUS AX599476
DEFINITION Sequence 816 from Patent WO02077272.
ACCESSION AX599476
VERSION AX599476.1 GI:28399620
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct

REFERENCE 1
AUTHORS Berlin,K., Braun,A., Dietler,J., Guetig,D., Howe,A., Mueller,J.,
Olek,A., Plepenbrock,C., Adorjan,P., Grabs,G., Lesche,R., Ley,E.,
Levin,A., Lipbacher,B., Maier,S., Model,F., Mueller,V., Otto,T.,
Pelei,C. and Ziebarth,H.
Methods and nucleic acids for the analysis of hematopoietic cell
proliferative disorders
Patent: WO 02077272-A 816 03-OCT-2002;
JOURNAL Epigenomics AG (DE)
TITLE Location/Qualifiers
FEATURES source 1.18
/organism='synthetic construct'
/mol_type='unassigned DNA'
/db_xref='taxon:32630'
/note='Detection oligonucleotide for PMS2'

Query Match 0.3%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3602 CTAATCTCAACTCCT 3617
DB 17 CTAATCTCAACTCCT 2

RESULT 297
AX094905/c 21 bp DNA linear PAT 30-MAR-2001
LOCUS AX094905
DEFINITION Sequence 83 from Patent WO0118250.
ACCESSION AX094905
VERSION AX094905.1 GI:13511108
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1
Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and
McCarthy,J.J.
Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 83 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
Pharmaceuticals, Inc. (US)
TITLE Location/Qualifiers
FEATURES source 1.21
/organism='Homo sapiens'
/mol_type='unassigned DNA'
/db_xref='taxon:9606'

Query Match 0.3%; Score 16; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 563 AGTTCCTGAAGAAGG 580
DB 19 AGTTCCTGAAGAAGG 2

RESULT 298
AX153965 21 bp DNA linear PAT 22-JUN-2001
LOCUS AX153965
DEFINITION Sequence 63 from Patent WO0138576.
ACCESSION AX153965
VERSION AX153965.1 GI:14535579
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1
Cargill,M., Ireland,J.S. and Lander,E.S.
Human single nucleotide polymorphisms

JOURNAL Patent: WO 0138576-A 63 31-MAY-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)

FEATURES
source

1.21
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 16; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.1e+02;
Matches 16; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1583 GCCAGCTGTATGGGACC 1600
DB 1 GCCAGCCGTATGGGAGACC 18

RESULT 299
AR074778

LOCUS AR074778 19 bp DNA linear PAT 28-AUG-2000
DEFINITION Sequence 75 from patent US 5955276.
ACCESSION AR074778
VERSION AR074778.1 GI:10001531

KEYWORDS
SOURCE
ORGANISM

Unknown.
Unclassified.

REFERENCE 1 (bases 1 to 19)
Morgan, M. and Vogel, J. Marie.
Compound microsatellite primers for the detection of genetic

AUTHORS
TITLE
JOURNAL Patent: US 5955276-A 75 21-SEP-1999;
FEATURES
source
Location/Qualifiers
1.19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1183 GAAAGAGAGAGAGAAAT 1201
DB 1 GAGAGAGAGAGAGATAT 19

RESULT 300
E05744/c

LOCUS E05744 19 bp DNA linear PAT 29-SEP-1997
DEFINITION PCR primer to detect ADV.
ACCESSION E05744
VERSION E05744.1 GI:2173931

KEYWORDS JP 1993276998-A/5.
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 19)
Urano, K., Nunofuji, S., Tsuna, M., Mise, S. and Shibata, I.
METHOD FOR DETECTING VIRUS OF ADJESZKI DISEASE VIRUS
Patent: JP 1993276998-A 5 26-OCT-1993;
JOURNAL NIPPON FLOUR MILLS CO LTD, NATL FEDERATION OF AGRICULT COOP ASSOC

AUTHORS
TITLE
JOURNAL
COMMENT OS Artificial gene
NC Artificial sequence; Genes.
PN JP 1993276998-A/5
PD 26-OCT-1993
PF 01-APR-1992 JP 1992079881
PI URANO KATSUYOSHI, NUNOFUJI SATOSHI, TSUNA MIKA, MISE SHIZUO,
PI SHIBATA ISAO
PC C12Q1/68, C07H21/04, C12N15/11, C12Q1/70, (C12Q1/70, C12R1:92); CC
strandedness: Single;
topology: Linear;
Location/Qualifiers
1.19

FEATURES
source

/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3251 GCTGCCAGACCTGGCCTC 3269
DB 19 GCAGCCAGGACATGGCCTC 1

RESULT 301
AR088462

LOCUS AR088462 20 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 48 from patent US 5989885.
ACCESSION AR088462
VERSION AR088462.1 GI:10015226

KEYWORDS
SOURCE
ORGANISM

Unknown.
Unclassified.

REFERENCE 1 (bases 1 to 20)
Teng, D.H.-F., Tavtigian, S.V., Perry, W.L. III and Skolnick, M.H.
Specific mutations of map kinase 4 (MKK4) in human tumor cell lines
identify it as a tumor suppressor in various types of cancer
Patent: US 5989885-A 48 23-NOV-1999;
JOURNAL
FEATURES
source
Location/Qualifiers
1.20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2566 GGGAGAGAGAGATGGAGA 2584
DB 2 GGGAGGAGAGAGAGGAGA 20

RESULT 302
AR095585

LOCUS AR095585 20 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 44 from patent US 6004790.
ACCESSION AR095585
VERSION AR095585.1 GI:10023584

KEYWORDS
SOURCE
ORGANISM

Unknown.
Unclassified.

REFERENCE 1 (bases 1 to 20)
Dijkhuizen, L., Dijkstra, B.W., Andersen, C. and Osten, C.vonder.
Cyclomaltodextrin glucanotransferase variants
Patent: US 6004790-A 44 21-DEC-1999;
JOURNAL
FEATURES
source
Location/Qualifiers
1.20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1819 CCACAGCCGCGAGTGCAC 1837
DB 2 CCATGCGCGCGAGAGCAC 20

RESULT 303
AR117573

LOCUS AR117573 20 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 65 from patent US 6140124.
ACCESSION AR117573
VERSION AR117573.1 GI:14098479
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS Montia,B.P., Gaarde,W.A., Nero,P.S. and McKay,R.
TITLE Antisense modulation of p38 mitogen activated protein kinase expression
JOURNAL Patent: US 6140124-A 65 31-OCT-2000;
FEATURES
source
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2639 CCTGCAGCTGCTGTGCA 2657
DB 1 CCTGCAGCTGCTGTGCA 19

RESULT 304
LOCUS AR117754 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 62 from patent US 6140126.
ACCESSION AR117754
VERSION AR117754.1 GI:14098660
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS Bennett,C.Frank. and Cowser,L.M.
TITLE Antisense modulation of Y-box binding protein 1 expression
JOURNAL Patent: US 6140126-A 62 31-OCT-2000;
FEATURES
source
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 976 TCTGCTCACTCCTCTACC 994
DB 2 TCTGCTCACTGCTCTACC 20

RESULT 305
LOCUS BD176424 20 bp DNA linear PAT 18-MAR-2003
DEFINITION A method of arraying genome clone.
ACCESSION BD176424
VERSION BD176424.1 GI:29122132
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
AUTHORS Soeda,E.
TITLE A method of arraying genome clone
JOURNAL Patent: WO 02072815-A 224 19-SEP-2002;
COMMENT
OS Artificial Sequence
PN WO 02072815-A/224
PD 19-SEP-2002
PF 17-MAY-2001 WO 2001JP004139

PR 12-MAR-2001 JP 01P 68285
PI EIICHI SOEDA
PC C12N15/09,C12Q1/68
CC Description of Artificial Sequence: Synthetic DNA FH Key
LOCATION/Qualifiers
FT source 1..20
/organism="Artificial Sequence".
FEATURES
source
1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2389 CACCTCTGTTCCAGAGT 2407
DB 1 CACCTTGTGTCCAGAGT 19

RESULT 306
LOCUS BD224927/c 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Antisense modulation of expression of tumor necrosis factor receptor-associated factor (TRAF).
ACCESSION BD224927
VERSION BD224927.1 GI:33034697
KEYWORDS JP 2002526095-A/62.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
AUTHORS Baker,B.F., Cowser,L.M., Montia,B.P. and Xu,X.S.
TITLE Antisense modulation of expression of tumor necrosis factor receptor-associated factor (TRAF)
JOURNAL Patent: JP 2002526095-A 62 20-AUG-2002;
COMMENT
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002526095-A/62
PD 20-AUG-2002
PF 05-OCT-1999 JP 2000574546
PR 06-OCT-1998 US 09/167109
PI BRENDIA F BAKER, LEX M COWSERT, BRETT P MONTIA, XIAOXING S XU PC
C12N15/09,A61K31/7105,A61K48/00,A61P29/00,A61P35/04,C12N15/00 CC
antisense sequence
FH Key LOCATION/Qualifiers
FT source 1..20
/organism="Artificial Sequence".
FEATURES
source
1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1811 GAGCCAGGCACAGCCGCG 1829
DB 19 GAGCCAGGCACAGCCGCG 1

RESULT 307
LOCUS BD244919 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Modulation of gene expression by combination therapy.
ACCESSION BD244919
VERSION BD244919.1 GI:33054689
KEYWORDS JP 2002528391-A/47.
SOURCE synthetic construct

ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Besterman,J.M., Macleod,A.R. and Siders,W.M.
TITLE Modulation of gene expression by combination therapy
JOURNAL Patent: JP 2002528391-A 47 03-SEP-2002;
METHYLENE INC
COMMENT OS Artificial Sequence
PN JP 2002528391-A/47
PD 03-SEP-2002 JP 2000576885
PF 19-OCT-1999 US 60/104804
PI JEFFREY M BESTERMAN,ALAN ROBERT MACLEOD,WILLIAM M SIDERS PC
A61K48/00,A61K31/165,A61K31/19,A61K31/513,A61K31/517,A61K31/ PC
706,
PC A61K31/7066,A61K31/7088,A61K31/7125,A61K45/00,A61P35/00,C12N15/ PC
09//
CC C12N5/10,C12N15/00,C12N5/00
FH Key Location/Qualifiers
FT source 1..20
FT Location/Qualifiers
FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred.No.4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGCTGCTGCTGCAGCC 2660
DB 1 TGCCTGCTGCTGCTGCC 19

RESULT 308
BD250309 20 bp DNA linear PAT 17-JUL-2003
LOCUS Antisense modulation of p38 mitogen activated protein kinase
DEFINITION expression.
ACCESSION BD250309 GI:33060079
KEYWORDS JP 2002540781-A/61.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Montia,B.P., Gaarde,W.A., Nero,P.S., McKay,R. and Popoff,I.
TITLE Antisense modulation of p38 mitogen activated protein kinase
JOURNAL Patent: JP 2002540781-A 61 03-DEC-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
PN JP 2002540781-A/61
PD 03-DEC-2002 JP 2000609429
PF 04-APR-2000 JP 2000609429
PR 06-APR-1999 US 09/286904
PI BRETT P MONIA,WILLIAM A GAARDE,PAMELA S NERO,ROBERT MCKAY,IAN
PI POPOFF
PC C12N15/09,A61K31/711,A61P19/02,A61P29/00,A61P29/00,A61P37/06,
PC A61P43/00,
CC C12N5/10,C12N9/99,C12N15/00,C12N5/00
CC Antisense modulation of p38 mitogen activated protein kinase
FH Key Location/Qualifiers
FT source 1..20
FT Location/Qualifiers
FEATURES
source 1..20
/organism="Artificial Sequence".
/organism="synthetic construct"
/mol_type="genomic DNA"

/db_xref="taxon:32630"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred.No.4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2639 CCTGACGCTGCTGCTGCA 2657
DB 1 CCTGACGCTGCTGCGCA 19

RESULT 309
CQ764305/c 20 bp DNA linear PAT 03-MAR-2004
LOCUS Sequence 2923 from Patent WO2004003201.
DEFINITION CQ764305
ACCESSION CQ764305
KEYWORDS CQ764305.1 GI:44907541
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrh1 expression
JOURNAL Patent: WO 2004003201-A 2923 08-JAN-2004;
Pharmacia Corporation (US)
COMMENT OS Artificial Sequence
PN 1..20
PD 1..20
PF 1..20
PI 1..20
PC 1..20
CC 1..20
CC Antisense modulation of lrh1 expression
FH Key Location/Qualifiers
FT source 1..20
FT Location/Qualifiers
FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred.No.4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1607 AGCAGTCTTCTACTTACG 1625
DB 19 AGAATGCTTCTAATTACG 1

RESULT 310
CQ764770 20 bp DNA linear PAT 03-MAR-2004
LOCUS Sequence 3388 from Patent WO2004003201.
DEFINITION CQ764770
ACCESSION CQ764770
KEYWORDS CQ764770.1 GI:44908006
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrh1 expression
JOURNAL Patent: WO 2004003201-A 3388 08-JAN-2004;
Pharmacia Corporation (US)
COMMENT OS Artificial Sequence
PN 1..20
PD 1..20
PF 1..20
PI 1..20
PC 1..20
CC 1..20
CC Antisense modulation of lrh1 expression
FH Key Location/Qualifiers
FT source 1..20
FT Location/Qualifiers
FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred.No.4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1607 AGCAGTCTTCTACTTACG 1625
DB 19 AGAATGCTTCTAATTACG 1

[illegible][illegible]

TITLE Inhibition of histone deacetylase
JOURNAL Patent: WO 0071703-A 6 30-NOV-2000;

FEATURES
source
1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic oligonucleotide"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGCTGCTGCTGACCC 2660
Db 1 TGCTGCTGCTGCTGCTGCC 19

RESULT 316

LOCUS AX053091 20 bp DNA linear PAT 12-JAN-2001
DEFINITION Sequence 15 from Patent WO0071703.
ACCESSION AX053091
VERSION AX053091.1 GI:12227148

KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
AUTHORS MacLeod, A.R., Li, Z. and Besterman, J.M.
TITLE Inhibition of histone deacetylase
JOURNAL Patent: WO 0071703-A 15 30-NOV-2000;
Methy1gene, Inc. (CA)

FEATURES
source
1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Combined DNA/RNA molecule: Positions 1-4 and 17-20 are 2'-methoxyribose substituted nucleotides; positions 5-16 are deoxyribonucleotides"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGCTGCTGCTGACCC 2660
Db 1 TGCTGCTGCTGCTGCTGCC 19

RESULT 317

LOCUS AX293583 20 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 5345 from Patent WO0179548.
ACCESSION AX293583
VERSION AX293583.1 GI:17055266

KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
AUTHORS Barany, F., Zivvi, M., Gerry, N.P., Favis, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL sequence differences using 1ligase detection reaction
Patent: WO 0179548-A 5345 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)

FEATURES
source
1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4692 GTTCCTGGACCGGAAGTGC 4710
Db 2 GTTCCTGGACCGGAAGTGC 20

RESULT 318

LOCUS AX294955 20 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 6717 from Patent WO0179548.
ACCESSION AX294955
VERSION AX294955.1 GI:17056638

KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
AUTHORS Barany, F., Zivvi, M., Gerry, N.P., Favis, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL sequence differences using 1ligase detection reaction
Patent: WO 0179548-A 6717 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)

FEATURES
source
1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3256 CAGGACCTGCGCTCTGTGC 3274
Db 1 CAGGACCTGCGCTCTGTGC 19

RESULT 319

LOCUS AX495922 20 bp DNA linear PAT 26-SEP-2002
DEFINITION Sequence 1687 from Patent WO02059256.
ACCESSION AX495922
VERSION AX495922.1 GI:23341532

KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

1 Tuijinder, M., Te1erman, A., Amson, R. and Sustul, L.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines

JOURNAL Patent: WO 02059256-A 1687 01-AUG-2002;
MOLECULAR ENGINES LAB (FR)

FEATURES
source
1.20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AAAATACAAAAGAAA 5415
|||||

Db 1 AAACAAAGAAAAAGAAANA 20

RESULT 320

AX546302 20 bp DNA linear PAT 26-NOV-2002

LOCUS AX546302

DEFINITION Sequence 51 from Patent EP1243290.

ACCESSION AX546302

VERSION AX546302.1 GI:25811493

KEYWORDS

SOURCE

ORGANISM

REFERENCE

1

AUTHORS Besterman,J.M., Macleod,A.R. and Siders,W.M.

TITLE Modulation of gene expression by combination therapy

JOURNAL Patent: EP 1243290-A 51 25-SEP-2002;

FEATURES

source

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/organism="synthetic construct"

/mol_type="unassigned DNA"

/db_xref="taxon:32630"

/note="oligonucleotide"

Query Match 0.3%; Score 15.8; DB 1; Length 20;

Best Local Similarity 89.5%; Pred. No. 4.3e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGCTGCTGCTGCAGCC 2660

Db 1 TGCCTGCTGCTGCTGCCTGCC 19

RESULT 321

AX546392 20 bp DNA linear PAT 26-NOV-2002

LOCUS AX546392

DEFINITION Sequence 51 from Patent EP1243289.

ACCESSION AX546392

VERSION AX546392.1 GI:25811583

KEYWORDS

SOURCE

ORGANISM

REFERENCE

1

AUTHORS Besterman,J.M., Macleod,A.R. and Siders,W.M.

TITLE Modulation of gene expression by combination therapy

JOURNAL Patent: EP 1243289-A 51 25-SEP-2002;

FEATURES

source

1..20

/organism="synthetic construct"

/mol_type="unassigned DNA"

/db_xref="taxon:32630"

/note="oligonucleotide"

Query Match 0.3%; Score 15.8; DB 1; Length 20;

Best Local Similarity 89.5%; Pred. No. 4.3e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGCTGCTGCTGCAGCC 2660

Db 1 TGCCTGCTGCTGCTGCCTGCC 19

RESULT 322

AX594032 20 bp DNA linear PAT 13-FEB-2003

LOCUS AX594032

DEFINITION Sequence 110 from Patent WO0246477.

ACCESSION AX594032

VERSION AX594032.1 GI:28375269

KEYWORDS

SOURCE

ORGANISM

REFERENCE

1

AUTHORS

TITLE

JOURNAL

FEATURES

source

1..20

/organism="Homo sapiens"

/mol_type="unassigned DNA"

/db_xref="taxon:9606"

Query Match 0.3%; Score 15.8; DB 1; Length 20;

Best Local Similarity 89.5%; Pred. No. 4.3e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411

Db 2 AAAAAAATCAAAAAAGAA 20

RESULT 323

AX753239 20 bp DNA linear PAT 23-JUN-2003

LOCUS AX753239/C

DEFINITION Sequence 4 from Patent WO03038124.

ACCESSION AX753239

VERSION AX753239.1 GI:32166101

KEYWORDS

SOURCE

ORGANISM

REFERENCE

1

AUTHORS Moisan,M.P., Mornele,P., Milan,D., Bidanel,J.P. and Ousova,O.

TITLE Use of Cbp gene as genetic marker of hypercortisolemia and related pathologies

JOURNAL Patent: WO 03038124-A 4 08-MAY-2003;

FEATURES

source

1..20

/organism="synthetic construct"

/mol_type="unassigned DNA"

/db_xref="taxon:32630"

/note="Amorce directe, issue de l'exon 2 du gene Cbp humain."

Query Match 0.3%; Score 15.8; DB 1; Length 20;

Best Local Similarity 89.5%; Pred. No. 4.3e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 652 CAGCCAGAGAACGAGTG 670

Db 20 CAGCCAGAGAACGAGTG 2

RESULT 324

AX961677 20 bp DNA linear PAT 14-JAN-2004

LOCUS AX961677/C

DEFINITION Sequence 72 from Patent WO03101375.

ACCESSION AX961677

VERSION AX961677.1 GI:40881135

KEYWORDS

SOURCE

ORGANISM

REFERENCE

1

AUTHORS Lopez,R.A.

TITLE Immunostimulatory oligonucleotides and uses thereof

JOURNAL Patent: WO 03101375-A 72 11-DEC-2003;

FEATURES

source

1..20

/organism="Homo sapiens"

/mol_type="unassigned DNA"

/db_xref="taxon:9606"

Query Match 0.3%; Score 15.8; DB 1; Length 20;

Best Local Similarity 89.5%; Pred. No. 4.3e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 652 CAGCCAGAGAACGAGTG 670

Db 20 CAGCCAGAGAACGAGTG 2

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE

1 Garcia,P., Hardy,S.F., Williams,L.T. and Escobedo,J.

Endogenous retroviruses up-regulated in prostate cancer
Patent: WO 0246477-A 110 13-JUN-2002;

CHIRON CORPORATION (US)

FEATURES

Location/Qualifiers

source

1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match

0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY

5393 AAAAAAATACAAAAAGAA 5411

Db

2 AAAAAAATCAAAAAAGAA 20

RESULT 323

AX753239 20 bp DNA linear PAT 23-JUN-2003

LOCUS

AX753239/C

DEFINITION

Sequence 4 from Patent WO03038124.

ACCESSION

AX753239

VERSION

AX753239.1 GI:32166101

KEYWORDS

SOURCE

synthetic construct

ORGANISM

synthetic construct

REFERENCE

1

Moisan,M.P., Mornele,P., Milan,D., Bidanel,J.P. and Ousova,O.
Use of Cbp gene as genetic marker of hypercortisolemia and related
pathologies

JOURNAL

Patent: WO 03038124-A 4 08-MAY-2003;

FEATURES

Location/Qualifiers

source

1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Amorce directe, issue de l'exon 2 du gene Cbp
humain."

Query Match

0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY

652 CAGCCAGAGAACGAGTG 670

Db

20 CAGCCAGAGAACGAGTG 2

RESULT 324

AX961677 20 bp DNA linear PAT 14-JAN-2004

LOCUS

AX961677/C

DEFINITION

Sequence 72 from Patent WO03101375.

ACCESSION

AX961677

VERSION

AX961677.1 GI:40881135

KEYWORDS

SOURCE

synthetic construct

ORGANISM

synthetic construct

REFERENCE

1

Lopez,R.A.
Immunostimulatory oligonucleotides and uses thereof
Patent: WO 03101375-A 72 11-DEC-2003;

JOURNAL

IMMUNOTECH S.A. (AR)

FEATURES

Location/Qualifiers

source

1..20

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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Immunostimulatory oligonucleotide"

Query Match      0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5403 AAAAAAGAAAAATGAAA 5421
Db      19 AAAAAAACAAATGAAA 1

RESULT 325
LOCUS      BD090346      20 bp      DNA      linear      PAT 27-AUG-2002
DEFINITION A method of arraying genome clone.
ACCESSION  BD090346
VERSION     BD090346.1 GI:22635956
KEYWORDS   JP 2001321190-A/2590.
SOURCE      synthetic construct
ORGANISM    artificial sequences.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Soeda, E.
TITLE       A method of arraying genome clone
JOURNAL     Patent: JP 2001321190-A 2590 20-NOV-2001;
            THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
COMMENT     GENOTECHS
            OS Artificial Sequence
            PN JP 2001321190-A/2590
            PD 20-NOV-2001
            PF 12-MAR-2001 JP 2001068285
            PI EITCHI SORDA
            PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
            C12N15/00,
            CC Description of Artificial Sequence:Synthetic DNA FH Key
            Location/Qualifiers
            FT source 1..20
            /organism='Artificial Sequence'.
            location/Qualifiers
            1..20
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"

Query Match      0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2389 CACCTCTGTTTCCAGAGT 2407
Db      1 CACCTTGTGTCAGAGT 19

RESULT 326
LOCUS      AR053160      21 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 66 from patent US 5834183.
ACCESSION  AR053160
VERSION     AR053160.1 GI:5978022
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 21)
AUTHORS     Orr,H.T., Ranum,L.P.W., Chung,M.-Y. and Zoghbi,H.Y.
TITLE       Gene sequence for spinocerebellar ataxia type 1 and method for
            diagnosis
JOURNAL     Patent: US 5834183-A 66 10-NOV-1998;
            Location/Qualifiers

FEATURES
source
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source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2641 CTGCAGCTGCTGCTGCAGC 2659
Db      2 CTGCTGCTGCTGCTGCTGC 20

RESULT 327
LOCUS      AR084539/c      21 bp      DNA      linear      PAT 01-SEP-2000
DEFINITION Sequence 28 from patent US 5981185.
ACCESSION  AR084539
VERSION     AR084539.1 GI:10011310
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 21)
AUTHORS     Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE       Oligonucleotide repeat arrays
JOURNAL     Patent: US 5981185-A 28 09-NOV-1999;
            Location/Qualifiers
FEATURES
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2641 CTGCAGCTGCTGCTGCAGC 2659
Db      21 CTGCTGCTGCTGCTGCTGC 3

RESULT 328
LOCUS      AR084551/c      21 bp      DNA      linear      PAT 01-SEP-2000
DEFINITION Sequence 40 from patent US 5981185.
ACCESSION  AR084551
VERSION     AR084551.1 GI:10011322
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 21)
AUTHORS     Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE       Oligonucleotide repeat arrays
JOURNAL     Patent: US 5981185-A 40 09-NOV-1999;
            Location/Qualifiers
FEATURES
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2641 CTGCAGCTGCTGCTGCAGC 2659
Db      20 CTGCTGCTGCTGCTGCTGC 2

RESULT 329
LOCUS      AR084571      21 bp      DNA      linear      PAT 01-SEP-2000
DEFINITION Sequence 60 from patent US 5981185.
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ACCESSION AR084571 GI:10011342
VERSION AR084571.1
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 60 09-NOV-1999;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2641 CTGCAGCTGCTGCTGCAGC 2659
Db 1 CTGCCTGCTGCTGCTGCTGC 19

RESULT 330
AR084577/c 21 bp DNA linear PAT 01-SEP-2000
LOCUS AR084577
DEFINITION Sequence 66 from patent US 5981185.
ACCESSION AR084577
VERSION AR084577.1 GI:10011348
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 66 09-NOV-1999;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2641 CTGCAGCTGCTGCTGCAGC 2659
Db 19 CTGCTGCTGCTGCTGCTGC 1

RESULT 331
AR084580 21 bp DNA linear PAT 01-SEP-2000
LOCUS AR084580
DEFINITION Sequence 69 from patent US 5981185.
ACCESSION AR084580
VERSION AR084580.1 GI:10011351
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 69 09-NOV-1999;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2641 CTGCAGCTGCTGCTGCAGC 2659
Db 2 CTGCTGCTGCTGCTGCTGC 20

RESULT 332
AR084598 21 bp DNA linear PAT 01-SEP-2000
LOCUS AR084598
DEFINITION Sequence 87 from patent US 5981185.
ACCESSION AR084598
VERSION AR084598.1 GI:10011369
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 87 09-NOV-1999;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2641 CTGCAGCTGCTGCTGCAGC 2659
Db 3 CTGCTGCTGCTGCTGCTGC 21

RESULT 333
BD244490/c 21 bp DNA linear PAT 17-JUL-2003
LOCUS BD244490/c
DEFINITION New triplex forming oligonucleotides and their use in anti-HBV.
ACCESSION BD244490
VERSION BD244490.1 GI:33054260
KEYWORDS JP 2002511384-A/8.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 21)
AUTHORS Lu,C.
TITLE New triplex forming oligonucleotides and their use in anti-HBV
JOURNAL Patent: JP 2002511384-A 8 16-APR-2002;
COMMENT SHANGHAI INSTITUTE OF BIOCHEMISTRY CHINESE ACADEMY OF SCIENCES
OS Artificial Sequence
PN JP 2002511384-A/8
PD 16-APR-2002
PF 19-OCT-1998 JP 2000515682
PR 21-OCT-1997 CN 97 1 06667.1
PI CHANGE LU
PC A61K31/711,A61K48/00,A61P31/20,C12N15/09,C12N15/00 CC
Description of Artificial Sequence: Triplex forming CC
oligonucleotide
CC This oligo may or may not be 3'-monophosphorylated FH Key
FT source 1..21
Location/Qualifiers
FT source 1..21
Location/Qualifiers
FEATURES 1..21
source /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

QY      92 CTCCTCCACCCGACCTCT 110
DB      19 CTCCTCCCCCCTCTCT 1

RESULT 334
LOCUS   CQ786139          21 bp    DNA
DEFINITION Sequence 27 from Patent WO2004018676.
ACCESSION CQ786139
VERSION   CQ786139.1 GI:45721242
KEYWORDS
SOURCE    synthetic construct
           synthetic construct
           artificial sequences.
ORGANISM
REFERENCE 1
AUTHORS   Jansen, B., Gleave, M.E., Signaevsky, M., Beraldi, E., Trougakos, I. and
           Gonos, E.
TITLE     Real probes targeting cancer-related proteins
JOURNAL   Patent: WO 2004018676-A 27 04-MAR-2004;
           The University of British Columbia (CA)
FEATURES
source    1..21
           /organism="synthetic construct"
           /mol_type="unassigned DNA"
           /db_xref="taxon:32630"
           /note="RNAi for human IGFBP-5"

Query Match
Best Local Similarity 89.5%; Score 15.8; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1634 AGCTGCCCGACGTCAGAGT 1652
DB      3 AGCTGACCCGAGTCACAGTT 21

RESULT 335
LOCUS   AR216894          21 bp    DNA
DEFINITION Sequence 45 from patent US 6413719.
ACCESSION AR216894
VERSION   AR216894.1 GI:233316238
KEYWORDS
SOURCE    Unknown.
ORGANISM   Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS   Singh, N.A., Leppert, M.F. and Charlier, C.
TITLE     KCNQ2 and KCNQ3-potassium channel genes which are mutated in benign
           familial neonatal convulsions (BFNC) and other epilepsies
JOURNAL   Patent: US 6413719-A 45 02-JUL-2002;
           Location/Qualifiers
FEATURES
source    1..21
           /organism="unknown"
           /mol_type="genomic DNA"

Query Match
Best Local Similarity 89.5%; Score 15.8; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2831 TTGAGGCGAGCGACGACAG 2849
DB      1 TTGACGCGAGCGACGACAG 19

RESULT 336
LOCUS   AR454921/c        21 bp    DNA
DEFINITION Sequence 8 from patent US 6682930.
ACCESSION AR454921
VERSION   AR454921.1 GI:42688957
KEYWORDS

```

```

SOURCE    Unknown.
ORGANISM   Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS   Lu, C.
TITLE     Triplex forming oligonucleotides and their use in anti-HBV
JOURNAL   Patent: US 6682930-A 8 27-JAN-2004;
           Location/Qualifiers
FEATURES
source    1..21
           /organism="unknown"
           /mol_type="genomic DNA"

Query Match
Best Local Similarity 89.5%; Score 15.8; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      92 CTCCTCCACCCGACCTCT 110
DB      19 CTCCTCCCCCCTCTCT 1

RESULT 337
LOCUS   AX096033/c        21 bp    DNA
DEFINITION Sequence 1211 from Patent WO0118250.
ACCESSION AX096033
VERSION   AX096033.1 GI:13512260
KEYWORDS
SOURCE    Homo sapiens (human)
ORGANISM   Homo sapiens
REFERENCE 1
AUTHORS   Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and
           McCarthy, J.J.
TITLE     Single nucleotide polymorphisms in genes
JOURNAL   Patent: WO 0118250-A 1211 15-MAR-2001;
           WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
           Pharmaceuticals, Inc. (US)
FEATURES
source    1..21
           /organism="Homo sapiens"
           /mol_type="unassigned DNA"
           /db_xref="taxon:9606"

Query Match
Best Local Similarity 89.5%; Score 15.8; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3987 GGCTGAGCCTGAGAGCTGTG 4005
DB      19 GGCTGAGCAGGAGAGCTGTG 1

RESULT 338
LOCUS   AX096543/c        21 bp    DNA
DEFINITION Sequence 1721 from Patent WO0118250.
ACCESSION AX096543
VERSION   AX096543.1 GI:13512797
KEYWORDS
SOURCE    Homo sapiens (human)
ORGANISM   Homo sapiens
REFERENCE 1
AUTHORS   Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and
           McCarthy, J.J.
TITLE     Single nucleotide polymorphisms in genes
JOURNAL   Patent: WO 0118250-A 1721 15-MAR-2001;
           WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
           Pharmaceuticals, Inc. (US)
FEATURES
source    Location/Qualifiers

```

source 1..21
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.4e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2099 CCTGCACTGCTGCTGATGCAGC 2119
|||||
21 CCTGCACTGCTGCTGATGTTGTC 1

RESULT 339
AX104588 21 bp DNA linear PAT 30-APR-2001
LOCUS Sequence 780 from Patent WO0122972.
ACCESSION AX104588
VERSION AX104588.1 GI:13920785
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Krieg, A.M., Schetter, C. and Voljmer, J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 780 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
FEATURES Location/Qualifiers
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAGC 2659
|||||
1 CTGCTGCTGCTGCTGCTGC 19

RESULT 340
AX355212 21 bp DNA linear PAT 06-FEB-2002
LOCUS Sequence 240 from Patent WO0197843.
DEFINITION AX355212
ACCESSION AX355212
VERSION AX355212.1 GI:18619879
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCES 1
AUTHORS Weiner, G. and Hartmann, G.
TITLE Methods for enhancing antibody-induced cell lysis and treating
JOURNAL cancer
PATENT: WO 0197843-A 240 27-DEC-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
FEATURES Location/Qualifiers
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide-phosphorothioate
backbone"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAGC 2659
|||||
Db 1 CTGCTGCTGCTGCTGCTGC 19

RESULT 341
AX547641 21 bp DNA linear PAT 01-MAR-2003
LOCUS Sequence 780 from Patent WO2053141.
DEFINITION AX547641
ACCESSION AX547641
VERSION AX547641.1 GI:25812785
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCES 1
AUTHORS Bratzler, R.L.
TITLE Inhibition of angiogenesis by nucleic acids
JOURNAL Patent: WO 02053141-A 780 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
FEATURES Location/Qualifiers
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic sequence"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAGC 2659
|||||
Db 1 CTGCTGCTGCTGCTGCTGC 19

RESULT 342
BD086363 21 bp DNA linear PAT 27-AUG-2002
LOCUS KCNQ2 and KCNQ3-potassium channel genes mutated in benign familial
DEFINITION neonatal convulsion (BFNC) and other convulsions.
ACCESSION BD086363
VERSION BD086363.1 GI:22631973
KEYWORDS JP 2001521041-A/41.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCES 1
AUTHORS Buzkaya, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
JOURNAL 1 (bases 1 to 21)
PATENT: JP 2001521041-A 41 06-NOV-2001;
UNIVERSITY OF UTAH RESEARCH FOUNDATION
COMMENT OS Homo sapiens (human)
PN JP 2001521041-A/41
PD 06-NOV-2001
PF 23-OCT-1998 JP 2000517983
PR 24-OCT-1997 US 60/063147
PI NAMDA A SINGH, MARK F LEBPERT, CAROLE CHARLIER
PC C07K16/18, A01K67/027, A61K48/00, A61P25/08, A61P43/00, C07K14/47,
PC C12N5/10,
PC C12N15/09, C12P21/08, C12Q1/02, C12Q1/68// (C12P21/08, C12R1:91),
PC C12N5/00
CC KCNQ2 and KCNQ3-potassium channel genes mutated in benign
CC familial
CC neonatal convulsion (BFNC) and other convulsions FH Key
FEATURES Location/Qualifiers
FT source 1..21
/organism="Homo sapiens (human)".
source 1..21

/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2831 TTGAGGCGCAGGCACACAG 2849
DB 1 TTGACGCGCAGGCACACAG 19

RESULT 343
BD171392/c 21 bp DNA linear PAT 18-FEB-2003
LOCUS BD171392
DEFINITION Method for detecting bronchial asthma risk factor.
ACCESSION BD171392
VERSION BD171392.1 GI:28412682
KEYWORDS JP 2002218997-A/27.
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 21)
Nakamura, Y. and Tamari, M.
AUTHORS
TITLE Method for detecting bronchial asthma risk factor
JOURNAL Patent: JP 2002218997-A 27 06-AUG-2002;
OTSUKA PHARMACEUTICAL CO LTD
OS Artificial Sequence
PN JP 2002218997-A/27
PD 06-AUG-2002
PP 25-JAN-2001 JP 2001017076
PI YUSUKE NAKAMURA, MAYUMI TAMARI
PC C12Q1/68, C12N15/09, C12N15/00
CC Primer sequence (3214r) for PCR
FH Key
FT source
FT Location/Qualifiers

FEATURES
source Location/Qualifiers
1..21
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3625 AGCAAGATCTTCCCAATTG 3643
DB 19 AGCAGGCTCTCTCAATTG 1

RESULT 344
BD173626/c 21 bp DNA linear PAT 18-FEB-2003
LOCUS BD173626
DEFINITION Method of detecting bronchial asthma onset risk factor.
ACCESSION BD173626
VERSION BD173626.1 GI:28414957
KEYWORDS WO 02059305-A/27.
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 21)
Nakamura, Y. and Tamari, M.
AUTHORS
TITLE Method of detecting bronchial asthma onset risk factor
JOURNAL Patent: WO 02059305-A 27 01-AUG-2002;
OTSUKA PHARMACEUTICAL CO LTD, YUSUKE NAKAMURA, MAYUMI TAMARI
OS Artificial Sequence
PN WO 02059305-A/27
PD 01-AUG-2002
PP 25-JAN-2002 WO 2002JP000540
PR 25-JAN-2001 JP 01P 017076

COMMENT
OS Artificial Sequence
PN WO 02059305-A/27
PD 01-AUG-2002
PP 25-JAN-2002 WO 2002JP000540
PR 25-JAN-2001 JP 01P 017076

PI YUSUKE NAKAMURA, MAYUMI TAMARI
PC C12N15/12, C12Q1/68, G01N33/53
CC Primer sequence (3214r) for PCR
FH Key
FT source
FT Location/Qualifiers
1..21
/organism="Artificial Sequence".
source Location/Qualifiers
1..21
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

FEATURES
source Location/Qualifiers
1..21
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3625 AGCAAGATCTTCCCAATTG 3643
DB 19 AGCAGGCTCTCTCAATTG 1

RESULT 345
BD225845/c 22 bp DNA linear PAT 17-JUL-2003
LOCUS BD225845
DEFINITION Promoter region of mouse and human telomerase RNA component genes.
ACCESSION BD225845
VERSION BD225845.1 GI:33035615
KEYWORDS JP 2002509699-A/48.
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 22)
Keith, W.N.
AUTHORS
TITLE Promoter region of mouse and human telomerase RNA component genes
JOURNAL Patent: JP 2002509699-A 48 02-APR-2002;
CANCER RESEARCH CAMPAIGN TECHNOLOGY LTD
OS Artificial Sequence
PN JP 2002509699-A/48
PD 02-APR-2002
PP 29-JAN-1999 JP 2000529424
PR 29-JAN-1998 GB 9801902.9
PI WILLIAM NICOL KEITH
PC C12N15/09, A61K31/7105, A61K31/711, A61K35/76, A61K38/00, A61K45/00, PC
A61K46/00
PC A61P35/00, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12P21/02 PC
C12Q1/68//C12N9/12,
PC (A61K35/76, A61K31:522), C12N15/00, A61K37/02, C12N5/00 CC
Description of Artificial Sequence: Oligonucleotide FH Key
Location/Qualifiers
FT source
FT Location/Qualifiers
1..22
/organism="Artificial Sequence".
source Location/Qualifiers
1..22
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2179 CATTACCTTGCCGAGGCTC 2197
DB 19 CATTACCTTACCCAGGCC 1

RESULT 346
CQ796631/c 22 bp DNA linear PAT 19-APR-2004
LOCUS CQ796631
DEFINITION Sequence 3 from Patent WO2004027062.
ACCESSION CQ796631
VERSION CQ796631.1 GI:46408312

KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Cattaruzza,M. and Hecker,M.
TITLE Functional correction of the sp -786 /sp c/t variance of the human enos gene
JOURNAL Patent: WO 2004027062-A 3 01-APR-2004;
Avontec GmbH (DE)
FEATURES
source 1..22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Decoy-Oligonucleotide"

Query Match 0.3%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4109 AGCCAGCCAGGCTGAGCT 4127
Db 19 AGCCAGCCAGGGAAGACT 1

RESULT 347
LOCUS CQ796632 22 bp DNA linear PAT 19-APR-2004
DEFINITION Sequence 4 from Patent WO2004027062.
ACCESSION CQ796632
VERSION CQ796632.1 GI:46408313
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Cattaruzza,M. and Hecker,M.
TITLE Functional correction of the sp -786 /sp c/t variance of the human enos gene
JOURNAL Patent: WO 2004027062-A 4 01-APR-2004;
Avontec GmbH (DE)
FEATURES
source 1..22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Decoy-Oligonucleotide"

Query Match 0.3%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4109 AGCCAGCCAGGCTGAGCT 4127
Db 4 AGCCAGCCAGGGAAGACT 22

RESULT 348
LOCUS AX019594/c 22 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 48 from Patent WO938964.
ACCESSION AX019594
VERSION AX019594.1 GI:10043508
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kelch,W.N.
TITLE Promoter regions of the mouse and human telomerase rna component
JOURNAL Patent: WO 938964-A 48 05-AUG-1999;

FEATURES
source KEITH WILLIAM NICOL (GB); CANCER RES CAMPAIGN TECH (GB)
1..22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide"

Query Match 0.3%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2179 CATTAACCTTGCCAGGCTC 2197
Db 19 CATTAACCTTGCCAGGCCC 1

RESULT 349
LOCUS AX119631/c 22 bp DNA linear PAT 11-MAY-2001
DEFINITION Sequence 24 from Patent WO0129213.
ACCESSION AX119631
VERSION AX119631.1 GI:14036529
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Todd,J.A., Twells,R.C., Hess,J.W., Hey,P., Hey,P., Caeky,C.T., Hammond,H. and Metzker,M.L.
TITLE Human sit4 associated proteins like (sap1) proteins and encoding genes; uses thereof
JOURNAL Patent: WO 0129213-A 24 26-APR-2001;
The Wellcome Trust Limited as Trustee to the Wellcome Trust (GB); Merck & Co., Inc. (US)
FEATURES
source 1..22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.3%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2359 CACCCCATCCCTGAGCT 2377
Db 22 CACCATCTCTCTGAGCT 4

RESULT 350
LOCUS AX457060/c 22 bp DNA linear PAT 06-JUL-2002
DEFINITION Sequence 21 from Patent WO0231186.
ACCESSION AX457060
VERSION AX457060.1 GI:21715842
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Berlin,K.
TITLE Method for the detection of cytosine methylations
JOURNAL Patent: WO 0231186-A 21 18-APR-2002;
Epigenomics AG (DE)
FEATURES
source 1..22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match	0.3%	Score 15.8	DB 1	Length 22
Best Local Similarity	89.5%	Pred. No. 4.6e+02		
Matches 17	Conservative 0	Mismatches 2	Indels 0	Gaps 0
QY	5390	ATTAAAAAATACAAAAA	5408	
DB	20	ATTAAAAAATAAAAAAA	2	
RESULT 351				
BD090082				
LOCUS	BD090082	22 bp	DNA	linear PAT 27-AUG-2002
DEFINITION	A method of arraying genome clone.			
ACCESSION	BD090082			
VERSION	BD090082.1	GI:22635692		
KEYWORDS	JP 2001321190-A/2326.			
SOURCE	synthetic construct			
ORGANISM	synthetic construct			
REFERENCE	artificial sequence.			
AUTHORS	1 (bases 1 to 22)			
TITLE	Soeda,B.			
JOURNAL	A method of arraying genome clone Patent: JP 2001321190-A 2326 20-NOV-2001; THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA			
COMMENT	GENOTRCS OS Artificial Sequence PN JP 2001321190-A/2326 PD 20-NOV-2001 PF 12-MAR-2001 JP 2001068285 PI RITCHI SOEDA PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC C12N15/00, PC C12N15/00 CC Description of Artificial Sequence:Synthetic DNA FH Key Location/Qualifiers FT source 1..22 FT /organism='Artificial Sequence'.			
FEATURES	location/Qualifiers 1..22 /organism="synthetic construct" /mol_type="genomic DNA" /db_xref="taxon:32630"			
source				
Query Match	0.3%	Score 15.8	DB 1	Length 22
Best Local Similarity	89.5%	Pred. No. 4.6e+02		
Matches 17	Conservative 0	Mismatches 2	Indels 0	Gaps 0
QY	343	CTACCACTCCCCCTCTATC	361	
DB	1	CAACCACTCCCACTCTATC	19	
RESULT 352				
BD143963				
LOCUS	BD143963	22 bp	DNA	linear PAT 17-JAN-2003
DEFINITION	Human bladder cancer antigen.			
ACCESSION	BD143963			
VERSION	BD143963.1	GI:27849721		
KEYWORDS	JP 2002112779-A/11.			
SOURCE	synthetic construct			
ORGANISM	synthetic construct			
REFERENCE	artificial sequence.			
AUTHORS	1 (bases 1 to 22)			
TITLE	Kawakami,H., Fujita,T. and Ito,K.			
JOURNAL	Human bladder cancer antigen Patent: JP 2002112779-A 11 16-APR-2002; KEIO UNIVERSITY			
COMMENT	OS Artificial Sequence PN JP 2002112779-A/11 PD 16-APR-2002 PF 03-OCT-2000 JP 2000304143 PI HIROSHI KAWAKAMI,TOMONOBU FUJITA,KEIICHI ITO PC C12N15/09,A01K67/027,A61K38/00,A61K39/00,A61K45/00,A61P35/00,			

FEATURES	SOURCE	LOCATION/Qualifiers	Key
PC	C07K14/82,		
PC	C07K16/32, C07K19/00, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12P21/02,		
PC	C12P21/08, C12Q1/68, G01N33/15, G01N33/50, G01N33/53, G01N33/53, G01N33/566,		
PC	G01N33/574, G01N33/577, C12N15/00, A61K37/02, C12N5/00 CC		
Description of Artificial Sequence:KU-BL-3 Sense Primer FH			
Location/Qualifiers			
FT	source	1..22	
FT	Location/Qualifiers	1..22	
1..22	/organism="Artificial Sequence"		
/organism="synthetic construct"			
/mol_type="genomic DNA"			
/db_xref="taxon:32630"			
Query Match	0.3%; Score 15.8; DB 1; Length 22;		
Best Local Similarity	89.5%; Pred. NO. 4.6e+02;		
Matches	17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;		
Dn	4770 GGAGAGGGGCGAGCAAAAG 4788		
GAGAGAGAGCGAGCAAGAG 22			
RESULT 353			
AB068797	22 bp DNA linear SYN 21-MAY-2003		
LOCUS	Synthetic construct DNA, reverse primer for human STS sts-D1S139		
DEFINITION	at 1936.		
ACCESSION	AB068797		
VERSION	AB068797.1 GI:15129601		
KEYWORDS			
SOURCE	synthetic construct		
ORGANISM	synthetic construct		
REFERENCE	artificial sequences.		
1	Chen, Y.-Z., Hayashi, Y., Wu, J.-G., Takaoka, E., Maekawa, K.,		
Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H.,			
Morohashi, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A.			
and Soeda, E.			
A BAC-based STS-content map spanning a 35-Mb region of human			
chromosome 1p35-p36			
Genomics 74 (1), 55-70 (2001)			
21269192			
11374902			
2 (bases 1 to 22)			
Horii, A.			
Direct Submission			
Submitted (04-ANG-2001) Akira Horii, Tohoku University School of			
Medicine, Molecular Pathology/2-1 Seiryomachi, Aoba-ku, Sendai,			
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,			
Tel:81-22-717-8042, Fax:81-22-717-8047)			
Location/Qualifiers			
1..22			
/organism="synthetic construct"			
/mol_type="genomic DNA"			
/db_xref="taxon:32630"			
1..22			
/notes="reverse primer for human STS sts-D1S139 at 1p36			
sts-D1S139 obtained from clones B127J4, B11K7, Human BAC			
library RPCI-11"			
Query Match	0.3%; Score 15.8; DB 1; Length 22;		
Best Local Similarity	89.5%; Pred. NO. 4.6e+02;		
Matches	17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;		
Dn	343 CTACACCTCCCTCTATC 361		
CTACACCTCCCTCTATC 19			

RESULT 354
A80998/c
LOCUS A80998 22 bp DNA linear PAT 21-JAN-2000
DEFINITION Sequence 50 from Patent EP0918091.
ACCESSION A80998
VERSION A80998.1 GI:6731571
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1 (bases 1 to 22)
AUTHORS Kahn, A. and Chelly, J.
TITLE A gene called XLIS and the XLIS gene product, called doublecortin
and their applications
PATENT: EP 0918091-A 50 26-MAY-1999;
JOURNAL INST NAT SANTE RECH MED (FR)
FEATURES
source Location/Qualifiers
1..22
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4770 GGAGAAAGGCGAGCAAAAGGGA 4791
DB 22 GGAGAAAGGCAAAAGAGGGA 1

RESULT 355
A95377/c
LOCUS A95377 22 bp DNA linear PAT 26-JAN-2000
DEFINITION Sequence 50 from Patent WO9927089.
ACCESSION A95377
VERSION A95377.1 GI:6779421
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1 (bases 1 to 22)
AUTHORS Francis, F. and Kahn, A.
TITLE A GENE CALLED XLIS AND THE XLIS GENE PRODUCT, CALLED DOUBLECORTIN
AND THEIR PREPARATIONS
PATENT: WO 9927089-A 50 03-JUN-1999;
JOURNAL INST NAT SANTE RECH MED (FR); FRANCIS FIONA (FR)
FEATURES
source Location/Qualifiers
1..22
/organism="Homo sapiens"
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Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4770 GGAGAAAGGCGAGCAAAAGGGA 4791
DB 22 GGAGAAAGGCAAAAGAGGGA 1

RESULT 356
AR072362
LOCUS AR072362 22 bp DNA linear PAT 28-AUG-2000
DEFINITION Sequence 165 from patent US 5948611.
ACCESSION AR072362
VERSION AR072362.1 GI:9999126
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 22)
TITLE Prockop, D.J., Ala-Kokko, L., Williams, C.J., Rytvanemi, P.,
Baldwin, C., Hopkinson, I., and Ahmad, N. Nina.
Primers and methods for detecting mutations in the procollagen II
gene (COL2A1) that indicate a genetic predisposition for a
COL2A1-associated disease
PATENT: US 5948611-A 165 07-SEP-1999;
JOURNAL Location/Qualifiers
FEATURES
source 1..22
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2755 GTGAAACAGACATGAGCTCT 2776
DB 1 GAAGAAATGACATGCTGCTGT 22

RESULT 357
AR150675
LOCUS AR150675 22 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 79 from patent US 6228984.
ACCESSION AR150675
VERSION AR150675.1 GI:15115266
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 22)
AUTHORS Hinuma, S., Habata, Y., Kawamata, Y., Hosoya, M., Fujii, R., Fukusumi, S.
and Kitada, C.
TITLE Polypeptides, their production and use
PATENT: US 6228984-A 79 08-MAY-2001;
JOURNAL Location/Qualifiers
FEATURES
source 1..22
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3260 ACCTGACCTCTGTGCTTAGTGC 3281
DB 1 ACCTGACCTCTGTGCTTAGTGC 22

RESULT 358
BD184666
LOCUS BD184666 22 bp DNA linear PAT 17-JUN-2003
DEFINITION Method and detector for identifying subtypes of human papilloma
viruses.
ACCESSION BD184666
VERSION BD184666.1 GI:13876866
KEYWORDS JP 2002360271-A/645.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 22)
AUTHORS Ling, C., Lin, R., Yoo, Z., Huang, X., Lee, B., Lee, S., Lin, Y.,
Huang, C., Hsu, H., Shi, C., Yeh, C., Gao, Y., and Pan, C.
TITLE Method and detector for identifying subtypes of human papilloma
virus
PATENT: JP 2002360271-A 645 17-DEC-2002;
JOURNAL KING CAR FOOD INDUSTRIAL CO LTD
OS Artificial Sequence
PN JP 2002360271-A/645
PD 17-DEC-2002
PF 28-NOV-2001 JP 2001362595
PR 04-MAY-2001 TW 90110785

```

PI CHING-YEE LING, RUEY-WEN LIN, ZHOU-MENG YOO, XIN-HSUAN HUANG, BOW-
PI HAENG LEE.
PI SHENG-HSIUNG LEE, YI-JU LIN, CI-CHONG HUANG, HAN-CHANG HSU, CHA-
PI MEN SHI,
PI CHIH-XIN YEH, YI-PENG CAO, CHIH-LONG PAN
PC C12N15/09, C12N15/09, C12M1/34, C12Q1/04, C12Q1/42, C12Q1/68 PC
, C12Q1/70, G01N21/54,
PC G01N33/53, G01N33/574, G01N33/58, G01N37/00// (C12M1/34, C12R1:93),
PC (C12Q1/70, C12R1:93), C12N15/00, C12N15/00
CC Oligonucleotide MM809 for Identifying HEV MM8. FH Key
Location/Qualifiers
FT source 1..22
/organism='Artificial Sequence'.
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/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5076 GGTGGCCACAGCAGCCAGCCT 5097
DB 1 GGGGGCGCGCGCGCCAGCCT 22

RESULT 359
BD211103 22 bp DNA linear PAT 17-JUL-2003
LOCUS BD211103 Quantitative assay of gene expression.
DEFINITION BD211103
ACCESSION BD211103.1 GI:33020873
VERSION JP 2002512046-A/48.
KEYWORDS Mus musculus (house mouse)
SOURCE Mus musculus
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 22)
Lowel, D.G.
Quantitative assay of gene expression
Patent: JP 2002512046-A 48 23-APR-2002;
JOURNAL GENE TECH INC
COMMENT OS Mus musculus (mouse)
PN JP 2002512046-A/48
PD 23-APR-2002
PE 23-APR-1999 JP 2000544838
PR 23-APR-1998 US 09/065673
PI DAVID G LOWE
PC C12Q1/68, C12N15/09, C12N15/00
CC Quantitative assay of gene expression.
FH Key Location/Qualifiers
FT source 1..22
/organism='Mus musculus (mouse)'.
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Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4733 TGAAGAGACCATCTCCTCAGCT 4754
DB 22 TGAAGAGACCATCTCCTCAGCT 1

RESULT 360
E16224 22 bp DNA linear PAT 28-JUL-1999
LOCUS E16224
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DEFINITION Primer.
ACCESSION E16224
VERSION E16224.1 GI:5710907
KEYWORDS JP 1998146192-A/48.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 22)
Hiruma, K., Habatake, Y., Kawamata, Y., Hosoya, M., Fujii, A.,
Fukuzumi, M. and Kitada, C.
NEW PHYSIOLOGICALLY ACTIVE SUBSTANCE, ITS PRODUCTION AND USE
Patent: JP 1998146192-A 48 02-JUN-1998;
JOURNAL TAKEDA CHEM IND LTD
COMMENT OS None
OC Artificial sequences.
PN JP 1998146192-A/48
PD 02-JUN-1998
PE 26-DEC-1996 JP 1996348328
PR 28-DEC-1995 JP 95P 343371, 15-MAR-1996 JP 96P 59419, PR
12-AUG-1996 JP 96P 211805, 18-SEP-1996 JP 96P 246573 PI
HINUMA KUNIO, HABATAKE YUUGO, KAWAMATA YUJI, HOSOYA MASAKI, PI
FUJII AKIRA,
PI FUKUZUMI MASASHI, KITADA CHIKO
PC C12N15/09, A61K31/70, A61K31/70, A61K31/70, A61K31/70,
PC A61K31/70,
PC A61K35/76, A61K38/00, A61K48/00, C07H21/00, C07K14/47, C12N5/10, PC
C12P21/02,
PC C12Q1/02, G01N33/566, (C12N5/10, C12R1:91), (C12P21/02, C12R1:91);
CC strandness: Single;
CC topology: Linear;
CC hypothetical: No;
FH Key Location/Qualifiers
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/organism="unidentified"
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/db_xref="taxon:32644"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3260 ACCTGGCTCTGTGCTTACTGC 3281
DB 1 ACCTGGCTCTGTGCTTACTGC 22

RESULT 361
E27236 22 bp DNA linear PAT 18-JUN-2001
LOCUS E27236 Novel physiologically active substance, process for producing the
DEFINITION E27236 same and utilization thereof.
ACCESSION E27236
VERSION E27236.1 GI:13025253
KEYWORDS JP 1999009286-A/27.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 22)
Shuji, H. and Shoji, F.
Novel physiologically active substance, process for producing the
same and utilization thereof
Patent: JP 1999009286-A 27 19-JAN-1999;
JOURNAL TAKEDA CHEM IND LTD
COMMENT OS Unidentified
PN JP 1999009286-A/27
PD 19-JAN-1999
PE 27-APR-1998 JP 1998117189
PR SHUJI HINUMA, SHOJI FUKUZUMI
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PC C12N15/09,A01K67/027,A61K38/00,A61K38/00,C07K14/47,C07K16/18,
PC C12N1/21,
PC C12N5/10,C12P21/02,G01N33/53,G01N33/577//C12P21/08,(C12N15/09,
PC C12R1:91),
PC (C12N1/21,C12R1:19),(C12N5/10,C12R1:91),(C12P21/02,C12R1:19),
PC C12N15/00,
PC A61K37/02,A61K37/02,C12N5/00,(C12N15/00,C12R1:91),(C12N5/00,
PC C12R1:91)
CC Strandedness: Single;
CC Topology: Linear;
FH Key
FT source
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/organism='Unidentified'.
Location/Qualifiers
1. .22
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3260 ACCTGGCTTCTGTGCTTAGTGC 3281
DB 1 ACCTGGCTTCTGTGCTTAGTGC 22

RESULT 362
E28308
LOCUS E28308 22 bp DNA linear PAT 18-JUN-2001
DEFINITION Utilization of peptide.
ACCESSION E28308
VERSION E28308.1 GI:13025342
KEYWORDS JP 1999071300-A/48.
SOURCE unidentified
ORGANISM unidentified
unclassified.
1 (bases 1 to 22)
REFERENCE Shuji,H., Ryo,F., Yuji,K. and Hirokazu,M.
AUTHORS Utilization of peptide
TITLE Patent: JP 1999071300-A 48 16-MAR-1999;
JOURNAL TAKEDA CHEM IND LTD
COMMENT OS Unidentified
PN JP 1999071300-A/48
PD 16-MAR-1999
PF 22-JUN-1998 JP 1998175007
PR
PI SHUJI HINUMA, RYO FUJII, YUJI KAMAMATA, HIROKAZU MATSUMOTO PC
A61K38/00,A61K38/00,A61K38/00,A61K38/00,A61K38/00,A61K38/00, PC
A61K38/00,
PC A61K38/00,A61K38/00,C07K7/08,C07K14/705//C12N15/09,C12P21/02,
PC (C12P21/02,C12R1:91),A61K37/02,A61K37/02,A61K37/02,A61K37/02,
PC A61K37/02,A61K37/02,A61K37/02,A61K37/02,C12N15/00 CC
Strandedness: Single;
CC Topology: Linear;
FH Key
FT source
1. .22
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Location/Qualifiers
1. .22
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Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3260 ACCTGGCTTCTGTGCTTAGTGC 3281
DB 1 ACCTGGCTTCTGTGCTTAGTGC 22

RESULT 363
126473
LOCUS 126473 22 bp DNA linear PAT 07-OCT-1996
DEFINITION Sequence 165 from patent US 5558988.
ACCESSION 126473
VERSION 126473.1 GI:1606343
KEYWORDS
SOURCE
ORGANISM
Unknown.
Unclassified.
1 (bases 1 to 22)
REFERENCE Prockop,D.J., Ala-Kokko,L. and Ritvaniemi,P.
AUTHORS Primers and methods for detecting mutations in the procollagen II
TITLE gene that indicate a genetic predisposition for osteoarthritis
JOURNAL Patent: US 5558988-A 165 24-SEP-1996;
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/organism="unknown"
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Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2755 GTGAAACACACATGAGCTCT 2776
DB 1 GAGGAATATGACATGCTGCTG 22

RESULT 364
146450
LOCUS 146450 22 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 429 from patent US 5639612.
ACCESSION 146450
VERSION 146450.1 GI:2470415
KEYWORDS
SOURCE
ORGANISM
Unknown.
Unclassified.
1 (bases 1 to 22)
REFERENCE Mitsuhashi,M. and Cooper,A.
AUTHORS Method for detecting polynucleotides with immobilized
TITLE polynucleotide probes identified based on T.sub.m
JOURNAL Patent: US 5639612-A 429 17-JUN-1997;
FEATURES
source
1. .22
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1308 CCTCTGTCCACATGCGCCCTGG 1329
DB 1 CCTCTGTCCCATCGACCTGG 22

RESULT 365
AR216883
LOCUS AR216883 22 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 34 from patent US 6413719.
ACCESSION AR216883
VERSION AR216883.1 GI:23316227
KEYWORDS
SOURCE
ORGANISM
Unknown.
Unclassified.
1 (bases 1 to 22)
REFERENCE Singh,N.A., Leppert,M.P. and Charlier,C.
AUTHORS KCMQ2 and KCMQ3-potassium channel genes which are mutated in benign

JOURNAL Familial neonatal convulsions (BFNC) and other epilepsies
Patent: US 6413719-A 34 02-JUL-2002;
FEATURES Location/Qualifiers
source 1..22
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3989 CTGAGCCTGAGCTGTGAAGC 4010
Db 22 CTGCCATGAGCTGTGCAAGC 1

RESULT 366
AX077117 22 bp DNA linear PAT 22-FEB-2001
LOCUS Sequence 13 from Patent WO0107478.
DEFINITION AX077117
ACCESSION AX077117 GI:13121733
VERSION AX077117.1 GI:13121733
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE artificial sequences.
1
AUTHORS Shen, S. and Hartmar, A.J.
TITLE A pl artificial chromosome (pac) vector for the expression of
JOURNAL pituitary adenyl cyclase activating peptide receptor (pacap
MEDICAL patent: WO 0107478-A 13 01-FEB-2001;
RESEARCH COUNCIL (GB)
LOCATION/Qualifiers
source 1..22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic oligonucleotide"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4749 TCACCTCATTATGAACTCTGG 4770
Db 1 TCACCTGCTGTGTGAACCTCG 22

RESULT 367
AX103869 22 bp DNA linear PAT 30-APR-2001
LOCUS Sequence 61 from Patent WO0122972.
DEFINITION AX103869
ACCESSION AX103869
VERSION AX103869.1 GI:13920066
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE artificial sequences.
1
AUTHORS Kriegl, A.M., Schreier, C. and Vollmer, J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 61 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
LOCATION/Qualifiers
source 1..22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 5404 AAAAGAAAATGAATGAAATGAA 5425
Db 22 AAAACAAAAAACAACAAAAA 1

RESULT 368
AX163844 22 bp DNA linear PAT 22-JUN-2001
LOCUS Sequence 13 from Patent WO0140804.
DEFINITION AX163844
ACCESSION AX163844
VERSION AX163844.1 GI:14544913
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE artificial sequences.
1
AUTHORS Hol, E.M. and van Leeuwen, P.W.
TITLE Clearance of aberrant protein in correlation with disease
JOURNAL Patent: WO 0140804-A 13 07-JUN-2001;
Koninklijke Nederlandse Akademie van Wetenschappen (NL)
LOCATION/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="wildtype 5' primer AAP"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4062 CCTGTTCCAAATGCCCACTTT 4083
Db 1 CCTGTTCCAAAGATTCACACTT 22

RESULT 369
AX462792 22 bp DNA linear PAT 15-JUL-2002
LOCUS Sequence 536 from Patent EP1217079.
DEFINITION AX462792
ACCESSION AX462792
VERSION AX462792.1 GI:21886018
KEYWORDS
SOURCE Aegilops tauschii
ORGANISM Aegilops tauschii
REFERENCE Aegilops tauschii
AUTHORS Bernard, M., Sourdis, P. and Guyomarch, H.
TITLE Microsatellite markers from Triticum tauschii
JOURNAL Patent: EP 1217079-A 536 26-JUN-2002;
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA) (FR)
LOCATION/Qualifiers
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Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2115 GCAGCAGATGAAGCGAAGAA 2136
Db 22 GCAGCTAATGAAGGAAGAA 1

RESULT 370
AX546922 22 bp DNA linear PAT 01-MAR-2003
LOCUS AX546922/c

DEFINITION Sequence 61 from Patent WO02053141.
ACCESSION AX546922
VERSION AX546922.1 GI:25812066
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS Bratzler,R.L.
TITLE Inhibition of angiogenesis by nucleic acids
JOURNAL Patent: WO 02053141-A 61 11-JUN-2002;
Coley Pharmaceutical Group, Inc. (US)
FEATURES
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Best Local Similarity 81.8%; Pred.No.4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 5404 AAAAAAATAATGAAATGAA 5425
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22 AAAAAAATAATGAAATGAA 1
RESULT 371
AX742813 AX742813 22 bp DNA linear PAT 12-MAY-2003
LOCUS Sequence 616 from Patent EP1302550.
ACCESSION AX742813
VERSION AX742813.1 GI:30576802
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS Lin,C.Y., Lin,R.W., You,C.M., Huang,H.H., Lee,B.H., Lee,H.H.,
Lin,Y.J., Pan,C.C., Hsu,H.C., Shih,C.W., Yeh,C.H., Kao,Y.F.,
Pan,C.L., and Chan,F.
TITLE Method and detector for identifying subtypes of human papilloma
viruses
JOURNAL Patent: EP 1302550-A 616 16-APR-2003;
King Car Food Industrial Co., Ltd. (TW)
FEATURES
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide for identifying HPV KM8"
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Best Local Similarity 81.8%; Pred.No.4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 5076 GGTGGCAGCAGCGCAGCCT 5097
|||||
1 GGGGGCGCGCGCGCCAGCCT 22
RESULT 372
BD086352 22 bp DNA linear PAT 27-AUG-2002
LOCUS BD086352/c
DEFINITION KCNQ2 and KCNQ3-potassium channel genes mutated in benign familial
neonatal convulsion (BFNC) and other convulsions.
ACCESSION BD086352
VERSION BD086352.1 GI:22631962
KEYWORDS JP 2001521041-A/30.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

REFERENCE
1 (bases 1 to 22)
AUTHORS Singh,N.A., Leppert,M.P., and Charlier,C.
TITLE KCNQ2 and KCNQ3-potassium channel genes mutated in benign familial
neonatal convulsion (BFNC) and other convulsions
JOURNAL Patent: JP 2001521041-A 30 06-NOV-2001;
UNIVERSITY OF UTAH RESEARCH FOUNDATION
COMMENT
OS Homo sapiens (human)
PN JP 2001521041-A/30
PD 06-NOV-2001
PF 23-OCT-1998 JP 2000517983
PR 24-OCT-1997 US 60/063147
PT NANDA A SINGH,MARK F LEPPERT,CAROLE CHARLIER
PC C07K16/18,A01K67/027,A61K48/00,A61P25/08,A61P43/00,C07K14/47,
PC C12N5/10,
PC C12N15/09,C12P21/08,C12Q1/02,C12Q1/68// (C12P21/08,C12R1:91),
PC C12N5/00,
PC C12N15/00
CC KCNQ2 and KCNQ3-potassium channel genes mutated in benign CC
familial
CC neonatal convulsion (BFNC) and other convulsions FH Key
FT location/Qualifiers
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/db_xref="taxon:9606"
Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred.No.4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 3989 CTGAGCTGTGAGCTGTGAGC 4010
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22 CTGCCATGAGCTGTGAGC 1
RESULT 373
AX767321 AX767321 23 bp DNA linear PAT 25-JUN-2003
LOCUS Sequence 2 from Patent WO03042409.
DEFINITION AX767321
ACCESSION AX767321
VERSION AX767321.1 GI:32260803
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS Magnani,M., Graziano,F. and Ruzzo,A.
TITLE Mutations of the geminal line in the gene promoter of e-cadherine
and diagnosis method to identify greater susceptibility to gastric
carcinoma
JOURNAL Patent: WO 03042409-A 2 22-MAY-2003;
Universita' Degli Studi Di Urbino (IT)
FEATURES
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR primer for identification of SNP on human
E-Cadherine"
Query Match 0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred.No.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 2637 GTCCCTGAGCTGTGCTGAG 2658
|||||
Db 2 GTACTGAGCAGCAGCAGCAG 23

RESULT 374
LOCUS AR074706 17 bp DNA linear PAT 28-AUG-2000
DEFINITION Sequence 3 from patent US 5955276.
ACCESSION AR074706
VERSION AR074706.1 GI:10001459
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Morgante,M. and Vogel,J.Marle.
TITLE Compound microsatellite primers for the detection of genetic polymorphisms
JOURNAL Patent: US 5955276-A 3 21-SEP-1999;
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source Location/Qualifiers
1..17
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1180 AGAGAAAGAGAGAGAGA 1196
Db 1 AGAGAGAGAGAGAGAGA 17
RESULT 375
LOCUS AR074707 17 bp DNA linear PAT 28-AUG-2000
DEFINITION Sequence 4 from patent US 5955276.
ACCESSION AR074707
VERSION AR074707.1 GI:10001460
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Morgante,M. and Vogel,J.Marle.
TITLE Compound microsatellite primers for the detection of genetic polymorphisms
JOURNAL Patent: US 5955276-A 4 21-SEP-1999;
FEATURES
source Location/Qualifiers
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/mol_type="unassigned DNA"
Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1181 GAGAAAGAGAGAGAG 1197
Db 1 GAGAGAGAGAGAGAG 17
RESULT 376
LOCUS AR074708 17 bp DNA linear PAT 28-AUG-2000
DEFINITION Sequence 5 from patent US 5955276.
ACCESSION AR074708
VERSION AR074708.1 GI:10001461
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Morgante,M. and Vogel,J.Marle.
TITLE Compound microsatellite primers for the detection of genetic polymorphisms
JOURNAL Patent: US 5955276-A 5 21-SEP-1999;

FEATURES
source Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1180 AGAGAAAGAGAGAGAGA 1196
Db 17 AGAGAGAGAGAGAGAGA 1
RESULT 377
LOCUS AR074709 17 bp DNA linear PAT 28-AUG-2000
DEFINITION Sequence 6 from patent US 5955276.
ACCESSION AR074709
VERSION AR074709.1 GI:10001462
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Morgante,M. and Vogel,J.Marle.
TITLE Compound microsatellite primers for the detection of genetic polymorphisms
JOURNAL Patent: US 5955276-A 6 21-SEP-1999;
FEATURES
source Location/Qualifiers
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/mol_type="unassigned DNA"
Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1181 GAGAAAGAGAGAGAG 1197
Db 17 GAGAGAGAGAGAGAG 1
RESULT 378
LOCUS E12897 17 bp RNA linear PAT 27-APR-1998
DEFINITION Modified antisense oligonucleotide.
ACCESSION E12897
VERSION E12897.1 GI:5708629
KEYWORDS JP 1997095495-A/1.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 17)
AUTHORS Matsumura,A. and Ono,A.
TITLE ANTISENSE OLIGONUCLEOTIDE, NUCLEOSIDE AND INTERMEDIATE FOR PRODUCING THE SAME, ITS SYNTHESIS, OLIGONUCLEOTIDE SYNTHESIZING UNIT AND ITS
JOURNAL Patent: JP 1997095495-A 1 08-APR-1997;
KANSAI SHIN GIYUTSU KENKYUSHO:KK, MATSUDA AKIRA
COMMENT
OC None
OS Artificial sequences.
PN JP 1997095495-A/1
PD 08-APR-1997
PF 29-SEP-1995 JP 1995277168
PI MATSUDA AKIRA, ONO AKIRA
PC C07H21/04//A61K31/70,A61K31/70,C12N15/09;
CC strandedness: Single;
CC topology: linear;
FH Key Location/Qualifiers
FT source 1..17
/organism='Artificial sequences' FT

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/ncbi='5-(N,N-dimethylaminoethyl)carbamoyl-2'-deoxyuridine' FT
misc_feature 2 /ncbi='5-methyl-2'-deoxycytidine' FT
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/ncbi='5-(N,N-dimethylaminoethyl)carbamoyl-2'-deoxyuridine' FT
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misc_feature 11 /ncbi='5-methyl-2'-deoxycytidine' FT
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/ncbi='5-(N,N-dimethylaminoethyl)carbamoyl-2'-deoxyuridine' FT
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misc_feature 16 /ncbi='5-methyl-2'-deoxycytidine' FT
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misc_feature 17 /ncbi='5-methyl-2'-deoxycytidine' FT
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Location/Qualifiers
1. 17
/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGA 1196
Db 17 AGAGAGAGAGAGAGA 1

RESULT 379
LOCUS AR329529 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 6931 from patent US 6566127.
ACCESSION AR329529
VERSION AR329529.1 GI:33715337
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
Pavco,P., McSwigen,J.A., Stinchcomb,D.T. and Sacobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 6931 20-MAY-2003;
Location/Qualifiers
1. 17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 199 CCACACCCCATCTCCCG 215
Db 1 CCACACCCCATCTCCCG 17
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RESULT 380
LOCUS AX272939/c 17 bp RNA linear PAT 29-OCT-2001
DEFINITION Sequence 508 from Patent WO0162911.
ACCESSION AX272939
VERSION AX272939.1 GI:16545676
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS
Jarvis,T., von Carlwiltz,I., Mcswigen,J.A., Hamblin,P.A. and
Ellis,J.H.
TITLE
Method and reagent for the inhibition of grid
JOURNAL
Patent: WO 0162911-A 508 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
1. 17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4429 GAGGCTTGTTGAAC 4445
Db 17 GAGGCTTGTTGAAC 1

RESULT 381
LOCUS AX732163 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3797 from Patent WO03025175.
ACCESSION AX732163
VERSION AX732163.1 GI:30511506
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS
Teleman,A., Amson,R. and Tufinder,M.
TITLE
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL
Patent: WO 03025175-A 3797 27-MAR-2003;
Molecular Engines Laboratories (Fr)
Location/Qualifiers
1. 17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3936 GATCAACCCAGACACA 3952
Db 1 GATCAACCCAGACACA 17

RESULT 382
LOCUS AX738728 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 4318 from Patent WO03025177.
ACCESSION AX738728
VERSION AX738728.1 GI:30518018
KEYWORDS
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SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
JOURNAL Patent: WO 03025177-A 4318 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.4; DB 1; Length 17;
DEFINITION Best Local Similarity 94.1%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3936 GATCAACCCACAGACACA 3952
Db 1 GATCAACCCACAGACACA 17

RESULT 383
LOCUS AX762380 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 5701 from Patent WO03040369.
ACCESSION AX762380
VERSION AX762380.1 GI:32256996
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in tumoral suppression, tumour reversion, apoptosis and/or viral resistance phenomena and their use as medicines
JOURNAL Patent: WO 03040369-A 5701 15-MAY-2003;
Molecular Engines Laboratories (FR)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.4; DB 1; Length 17;
DEFINITION Best Local Similarity 94.1%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAAATC 1202
Db 17 AGAGAGAGAGAGATC 1

RESULT 384
LOCUS AR069211/c 18 bp DNA linear PAT 18-FEB-2000
DEFINITION Sequence 51 from patent US 5891623.
ACCESSION AR069211
VERSION AR069211.1 GI:7220099
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Priml, D.
TITLE Diagnosis and treatment of AIDS onset
JOURNAL Patent: US 5891623-A 51 06-APR-1999;

FEATURES
source Location/Qualifiers
1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
DEFINITION Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4298 TTCGAGAGAGACTGGAG 4314
Db 18 TTCGAGAGAGACTGGAG 2

RESULT 385
LOCUS AR099375 18 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 29 from patent US 6077709.
ACCESSION AR099375
VERSION AR099375.1 GI:12809141
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Bennett, C. Frank, J., Ackermann, E. J., Swayze, E. E. and Cowse, L. M.
TITLE Antisense modulation of Survivin expression
JOURNAL Patent: US 6077709-A 29 20-JUN-2000;
FEATURES
source Location/Qualifiers
1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
DEFINITION Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAAGAGAGAGAGAAA 1200
Db 1 AAAAGAGAGAGAGAGA 17

RESULT 386
LOCUS BD273578 18 bp DNA linear PAT 17-JUL-2003
DEFINITION Antisense modulation of survivin expression.
ACCESSION BD273578
VERSION BD273578.1 GI:33083346
KEYWORDS JP 2002539073-A/29.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Bennett, F. C., Ackermann, E. J., Swayze, E. E. and Cowse, L. M.
TITLE Antisense modulation of survivin expression
JOURNAL Patent: JP 2002539073-A 29 19-NOV-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
PN JP 2002539073-A/29
PD 19-NOV-2002
PF 23-SEP-1999 JP 2000572239
PR 29-SEP-1998 US 09/163162, 05-APR-1999 US 09/286407 PI
FRANK C BENNETT, ELIZABETH J ACKERMANN, ERIC E SWAYZE, LEX M PI
COWSE, L M
PC C07H21/04, A61K31/7088, A61K31/712, A61K48/00, A61P35/00 CC
Antisense Oligonucleotide
FH Key location/Qualifiers
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/organism="Artificial Sequence".
/organism="synthetic construct"
/mol_type="genomic DNA"

/db_xref="taxon:32630"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAGAAA 1200
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Db 1 AAAGAGAGAGAGAGAGA 17

RESULT 387
E04839/c E04839 18 bp DNA linear PAT 29-SEP-1997
LOCUS Synthetic DNA for site directed mutagenesis of interleukin 6
DEFINITION receptor.
ACCESSION E04839
VERSION E04839.1 GI:2173035
KEYWORDS JP 1993091892-A/17.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1 (bases 1 to 18)
AUTHORS Kishimoto,C., Hachiman,H. and Yasukawa,K.
TITLE IL-6 RECEPTOR DERIVATIVE
JOURNAL Patent: JP 1993091892-A 17 16-APR-1993;
KISHIMOTO CHUZO, CHUGAI PHARMACEUT CO LTD, TOSOH CORP

COMMENT OS Artificial gene
OC Artificial sequence;
OS Homo sapiens (human)
PN JP 1993091892-A/17
PD 16-APR-1993
PF 02-OCT-1991 JP 1991255521
PI KISHIMOTO CHUZO, HACHIMAN HIDEO, YASUKAWA KIYOSHI PC
C12P21/02.C07K13/00.C12N5/10.C12N15/12.(C12P21/02.C12N1:91); CC
strandedness: Single;
CC topology: Linear;
CC hypothetical: No.
FEATURES Location/Qualifiers
source 1..18
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/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 621 CTCGAGAGAGCTCTTCGG 637
|||||
Db 18 CTCCTGAGAGCTCTTCGG 2

RESULT 388
I64429/c I64429 18 bp DNA linear PAT 07-OCT-1997
LOCUS Sequence 51 from patent US 5665355.
DEFINITION I64429
ACCESSION I64429
VERSION I64429.1 GI:2481323
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 18)
TITLES
JOURNAL Diagnosis and treatment of AIDS onset
Patent: US 5665355-A 51 09-SEP-1997;
LOCATION/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 18;

Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4298 TTCGAGAGAACTGGAG 4314
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Db 18 TTCAGAGAGAACTGGAG 2

RESULT 389
AR181576 AR181576 18 bp DNA linear PAT 20-APR-2002
LOCUS Sequence 38 from patent US 6335194.
DEFINITION AR181576
ACCESSION AR181576
VERSION AR181576.1 GI:20223790
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 18)
AUTHORS Bennett,C.,Frank., Ackermann,E.J., Swayze,E.E. and Cowsett,L.M.
TITLE Antisense modulation of survivin expression
JOURNAL Patent: US 6335194-A 38 01-JAN-2002;
LOCATION/Qualifiers
1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAGAAA 1200
|||||
Db 1 AAAGAGAGAGAGAGAGA 17

RESULT 390
AR181616 AR181616 18 bp DNA linear PAT 20-APR-2002
LOCUS Sequence 78 from patent US 6335194.
DEFINITION AR181616
ACCESSION AR181616
VERSION AR181616.1 GI:20223830
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 18)
TITLES
JOURNAL Bennett,C.,Frank., Ackermann,E.J., Swayze,E.E. and Cowsett,L.M.
Patent: US 6335194-A 78 01-JAN-2002;
LOCATION/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAGAAA 1200
|||||
Db 1 AAAGAGAGAGAGAGAGA 17

RESULT 391
AR181667 AR181667 18 bp DNA linear PAT 20-APR-2002
LOCUS Sequence 129 from patent US 6335194.
DEFINITION AR181667
ACCESSION AR181667
VERSION AR181667.1 GI:20223881
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 18)
AUTHORS Bennett, C. Frank., Ackermann, E. J., Swayze, E. E. and Cowsett, L. M.
TITLE Antisense modulation of survivin expression
JOURNAL Patent: US 6335194-A 129 01-JAN-2002;
FEATURES
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1. .18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAGA 1200
DB 2 AAAGAGAGAGAGAGA 18

RESULT 392
LOCUS AR208065 18 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 5 from patent US 6379957.
ACCESSION AR208065
VERSION AR208065.1 GI:21507984
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Johnsen-Dow, L. A., Demeter, L., White, C. B., Song, K.,
Kohlenberger, R., Conrad, M. and Myers, A.
TITLE Methods for HIV sequencing and genotyping
JOURNAL Patent: US 6379957-A 5 30-APR-2002;
FEATURES
source
1. .18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1261 AGCCTACAGCCCA 1277
DB 1 AGCCTACAGCCCA 17

RESULT 393
LOCUS AR295480 18 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 7215 from patent US 6537751.
ACCESSION AR295480
VERSION AR295480.1 GI:31682764
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.
TITLE Biallelic markers for use in constructing a high density
JOURNAL Patent: US 6537751-A 7215 25-MAR-2003;
FEATURES
source
1. .18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4871 CTCAGTCTCTCTCTG 4887

DB 1 CTCAGTCTCTCTCTG 17

RESULT 394
LOCUS AR299766 18 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 11501 from patent US 6537751.
ACCESSION AR299766
VERSION AR299766.1 GI:31687050
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.
TITLE Biallelic markers for use in constructing a high density
JOURNAL Patent: US 6537751-A 11501 25-MAR-2003;
FEATURES
source
1. .18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2436 GGATGAGAGGGGAGAG 2452
DB 2 GGATGAGAGGGGAGAG 18

RESULT 395
LOCUS AX297704 18 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 9466 from Patent WO0179548.
ACCESSION AX297704
VERSION AX297704.1 GI:17059395
KEYWORDS
SOURCE Synthetic construct
ORGANISM Synthetic construct
REFERENCE 1
AUTHORS Barany, F., Zilvi, M., Gerry, N. P., Favis, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL Patent: WO 0179548-A 9466 25-OCT-2001;
FEATURES
source
1. .18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4737 GGAGACCCATCCTCACC 4753
DB 17 GGAGACCCATCCTCACC 1

RESULT 396
LOCUS AX297719 18 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 9481 from Patent WO0179548.
ACCESSION AX297719
VERSION AX297719.1 GI:17059410
KEYWORDS
SOURCE Synthetic construct

ORGANISM synthetic construct
artificial sequences.

REFERENCE
1 Barany, F., Zivvi, M., Gerry, N.P., Favis, R. and Kliman, R.
METHOD OF DESIGNING ADDRESSABLE ARRAY FOR DETECTION OF NUCLEIC ACID
SEQUENCE DIFFERENCES USING LIGASE DETECTION REACTION
Patent: WO 01/9548-A 9481 25-OCT-2001;
JOURNAL CORNELL RESEARCH FOUNDATION, INC. (US)
LOCATION/Qualifiers

FEATURES
source 1. .18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4737 GGAGAGCCATCCTCACC 4753
Db 17 GGAGGCCATCCTCACC 1

RESULT 397
AX530373 18 bp DNA linear PAT 21-NOV-2002
LOCUS AX530373/c
DEFINITION Sequence 96 from Patent WO0240668.
ACCESSION AX530373
VERSION AX530373.1 GI:25173261
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
ARTIFICIAL SEQUENCES.

REFERENCE
1 Techopp, J. and Martinon, F.
PROTEINS AND DNA SEQUENCES UNDERLYING THESE PROTEINS USED FOR
TREATING INFLAMMATIONS
Patent: WO 0240668-A 96 23-MAY-2002;
JOURNAL Apotech Research and Development Ltd. (CH)
LOCATION/Qualifiers

FEATURES
source 1. .18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer JT1500 (S. 51)"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4792 CTCCTGCCACTGACGAG 4808
Db 18 CTCCTGCCACTGACGTG 2

RESULT 398
BD078665/c 18 bp DNA linear PAT 27-AUG-2002
LOCUS BD078665/c
DEFINITION IL-6 receptor derivative.
ACCESSION BD078665
VERSION BD078665.1 GI:22624268
KEYWORDS JP 2001269186-A/17.
SOURCE unidentified
ORGANISM unidentified
unclassified.

REFERENCE
1 (bases 1 to 18)
AUTHORS Kishimoto, C., Yahata, H. and Yasukawa, K.
TITLE IL-6 receptor derivative
Patent: JP 2001269186-A 17 02-OCT-2001;
JOURNAL CHUGO KISHIMOTO, CHUGAI PHARMACEUTICAL CO LTD, TOSOH CORP
COMMENT OS unidentified
PN JP 2001269186-A/17

PD 02-OCT-2001
PF 22-FEB-2001 JP 2001047237
PI CHUGO KISHIMOTO, HIDEO YAHATA, KIYOSHI YASUKAWA PC
C12N15/09, C07K14/715, C12N1/15, C12N1/19, C12N1/21, C12N5/10, PC
C12P21/02.
PC C12N15/00, C12N5/00
CC Strandedness: Single;
CC Topology: linear;
CC IL-6 receptor derivative
FH Key location/Qualifiers
FT source 1. .18
/organism="unclassified".

FEATURES
source 1. .18
/organism="unclassified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4066 TTCGAATGCCCACTT 4082
Db 18 TTCGACATGCCCACTT 2

RESULT 399
E12683 19 bp DNA linear PAT 27-APR-1998
LOCUS E12683/c
DEFINITION Anti-HTLV-1 antisense oligonucleotide.
ACCESSION E12683
VERSION E12683.1 GI:3251515
KEYWORDS JP 1997052898-A/17.
SOURCE unidentified
ORGANISM unidentified
unclassified.

REFERENCE
1 (bases 1 to 19)
AUTHORS Mizuguchi, M., Kurosaki, N., Makino, K., Koyanagi, Y. and Yamamoto, N.
TITLE ANTI-HTLV-1 ANTI-SENSE OLIGONUCLEOTIDE
Patent: JP 1997052898-A 17 25-FEB-1997;
JOURNAL SOYAKU GIJUTSU KENKYUSHO:KK

COMMENT OS None
OC Artificial sequences.
PN JP 1997052898-A/17
PD 25-FEB-1997
PF 09-AUG-1995 JP 1995224606
PI MIZUGUCHI MASATSUGU, KUROSAKI NAKO, MAKINO KEISUKE, PI
KOYANAGI YOSHIO,
PI YAMAMOTO NAKO
PC C07H21/04//A61K31/70;
CC strandedness: Single;
CC topology: linear;
CC hypothetical: No;
CC anti-sense: Yes;
FH Key location/Qualifiers
FT source 1. .19
/organism="Artificial sequences".

FEATURES
source 1. .19
/organism="unclassified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

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RESULT 400
LOCUS 126166 19 bp DNA linear PAT 07-OCT-1996
DEFINITION Sequence 17 from patent US 5556786.
ACCESSION 126166
VERSION 126166.1 GI:1606036
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kere,J., Schlessinger,D. and de la Chapelle,A.
TITLE Anhidrotic ectodermal dysplasia gene and method of detecting same
JOURNAL Patent: US 5556786-A 17 17-SEP-1996;
FEATURES
source
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 339 TTTCCTACCACTCCCCC 355
Db 2 TTTCCTACCACTCCACC 18

RESULT 401
LOCUS 186409 19 bp DNA linear PAT 10-JUN-1998
DEFINITION Sequence 17 from patent US 5700926.
ACCESSION 186409
VERSION 186409.1 GI:3206127
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kere,J., Schlessinger,D. de la Chapelle,A. and Srivastava,A.Kumar.
TITLE Molecular cloning of the anhidrotic ectodermal dysplasia gene
JOURNAL Patent: US 5700926-A 17 23-DEC-1997;
FEATURES
source
/mol_type="unassigned DNA"
/organism="unknown"

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 339 TTTCCTACCACTCCCCC 355
Db 2 TTTCCTACCACTCCACC 18

RESULT 402
LOCUS AR268328 19 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 9 from patent US 6498147.
ACCESSION AR268328
VERSION AR268328.1 GI:29698678
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Nerenberg,M.I. and Kitaajima,I.
TITLE Suppression of nuclear factor-.kappa.b dependent processes using oligonucleotides
JOURNAL Patent: US 6498147-A 9 24-DEC-2002;
FEATURES
Location/Qualifiers

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source 1.19
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4066 TTCCAAATGCCCCACTT 4082
Db 18 TTCCAAATGCCCCACTT 2

RESULT 403
LOCUS AR268329 19 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 10 from patent US 6498147.
ACCESSION AR268329
VERSION AR268329.1 GI:29698679
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Nerenberg,M.I. and Kitaajima,I.
TITLE Suppression of nuclear factor-.kappa.b dependent processes using oligonucleotides
JOURNAL Patent: US 6498147-A 10 24-DEC-2002;
FEATURES
source
/mol_type="genomic DNA"
/organism="unknown"

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4066 TTCCAAATGCCCCACTT 4082
Db 2 TTCCAAATGCCCCACTT 18

RESULT 404
LOCUS AX132670 19 bp DNA linear PAT 15-MAY-2001
DEFINITION Sequence 3888 from Patent WO0130362.
ACCESSION AX132670
VERSION AX132670.1 GI:14138975
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Robbins,J.M. and Tritz,R.
TITLE Ribozyme therapy for the treatment of proliferative skin and eye diseases
JOURNAL Patent: WO 0130362-A 3888 03-MAY-2001;
FEATURES
IMMOSOL, INC. (US)
source
/mol_type="Homo sapiens"
/organism="Homo sapiens"
/db_xref="taxon:9606"
/note="PCNA HH ribozyme binding site"

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2328 CACCTTCTTGAGATGG 2344
Db 19 CACCTTCTTGAGATGG 3

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[illegible]

REFERENCE	AUTHORS	TITLE	JOURNAL	FEATURES
1 (bases 1 to 20)	Zhang,H. and Cowser,L.M.	Antisense modulation of caspase 8 expression	Patent: US 6258600-A 168 10-03-2001;	Location/Qualifiers
				1. .20
				/organism="unknown"
				/mol_type="unassigned DNA"
Query Match				0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity				94.1%; Pred. No. 5e+02; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1;				
QY	3175	CTTTCGACGACTGAC 3191		
Db	19	CTTTGCCAGAGCCTGAG 3		
RESULT 408				
CQ771690/c				
LOCUS	CQ771690	20 bp	DNA	linear
DEFINITION	Sequence 117 from Patent WO2003100423.			PAT 04-MAR-2004
ACCESSION	CQ771690			
VERSION	CQ771690.1	GI:45125680		
KEYWORDS				
SOURCE				
ORGANISM	Homo sapiens (human)			
	Homo sapiens			
	Eukaryote; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;			
	Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.			
REFERENCE				
AUTHORS	Cuzin,M., Mandrand,B., Cleuziat,P. and Abaibou,H.			
TITLE	Better organised bioclip			
JOURNAL	Patent: WO 2003100423-A 117 04-DEC-2003;			
	Apiblo (FR)			
FEATURES				
SOURCE				
	1. .20			
	/organism="Homo sapiens"			
	/mol_type="unassigned DNA"			
	/db_xref="taxon:9606"			
Query Match				0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity				94.1%; Pred. No. 5e+02; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1;				
QY	4737	GGAGACCCATCTCACC 4753		
Db	20	GGAGGCCCATCTCACC 4		
RESULT 409				
E38857/c				
LOCUS	E38857	20 bp	DNA	linear
DEFINITION	Chimeric animal and method for constructing the same.			PAT 18-JUN-2001
ACCESSION	E38857			
VERSION	E38857.1	GI:13017605		
KEYWORDS	JP 1999313576-A/7.			
SOURCE	synthetic construct			
ORGANISM	synthetic construct			
	artificial sequences.			
	1 (bases 1 to 20)			
REFERENCE	Kazuma,T., Hitoshi,Y., Kazunori,H., Mitsuo,O. and Isao,I.			
AUTHORS	Chimeric animal and method for constructing the same			
TITLE	Patent: JP 1999313576-A 7 16-NOV-1999;			
JOURNAL	KIRIN BREWERY CO LTD			
	OS Artificial Sequence			
COMMENT	PN JP 1999313576-A/7			
	PD 16-NOV-1999			
	PF 23-MAR-1999 JP 1999078572			
	PI KAZUMA TOMIZUKA,HITOSHI YOSHIDA,KAZUNORI HANAOKA, PI			
	OSHIMURA,			
	MI ISAO ISHIDA			
	PC A0167/027,C12N5/10,C12N15/02,C12P21/08,C12N5/00,C12N15/00 CC			


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FEATURES
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                  FT      source    1..20      /organism='Artificial Sequence'
                  |
                  | Location/Qualifiers
                  | 1..20
                  | /organism="synthetic construct"
                  | /mol_type="genomic DNA"
                  | /db_xref="taxon:32630"

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      865 GCAGTCTATATGCTCTG 881
Db      20 GCAGTCTATATGCTCTG 4

RESULT 410
LOCUS      I31143      20 bp      DNA      linear      PAT 06-FEB-1997
DEFINITION Sequence 55 from patent US 5582979.
ACCESSION  I31143
VERSION     I31143.1  GI:1821934
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Weber,J.L.
TITLE      Length polymorphisms in (dc-da).sub.n.(dc-dt).sub.n sequences and
            method of using the same
JOURNAL    Patent: US 5582979-A 55 10-DEC-1996;
FEATURES
  source      1..20
              /organism="unknown"
              /mol_type="unassigned DNA"

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4764 ACTCTGGAGAGGCGCA 4780
Db      4 ACTCTGGAGAGGCGTA 20

RESULT 411
LOCUS      AR274857/c  20 bp      DNA      linear      PAT 10-APR-2003
DEFINITION Sequence 42 from patent US 6506604.
ACCESSION  AR274857
VERSION     AR274857.1  GI:29707406
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Finer,M.H., Dull,T.J., Zeebo,K.M., Cooke,K. and Farsen,D.A.
TITLE      Method for production of high titer virus and high efficiency
            retroviral mediated transduction of mammalian cells
JOURNAL    Patent: US 6506604-A 42 14-JAN-2003;
FEATURES
  source      1..20
              /organism="unknown"
              /mol_type="genomic DNA"

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4821 CACCGAGCCTTGACCT 4837

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Db      19 CACCGAGCCTTGACCT 3

RESULT 412
LOCUS      AR312087      20 bp      DNA      linear      PAT 12-JUN-2003
DEFINITION Sequence 2624 from patent US 6559294.
ACCESSION  AR312087
VERSION     AR312087.1  GI:31705513
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Griffiths,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
            Sankaran,B. and Fletcher,L.D.
TITLE      Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL    Patent: US 6559294-A 2624 06-MAY-2003;
FEATURES
  source      1..20
              /organism="unknown"
              /mol_type="genomic DNA"

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      604 CTCGCCAATTAAGCGCA 620
Db      3 CTCGCCAATTAAGCGCA 19

RESULT 413
LOCUS      AR392141      20 bp      DNA      linear      PAT 18-DEC-2003
DEFINITION Sequence 9 from patent US 6613740.
ACCESSION  AR392141
VERSION     AR392141.1  GI:40116045
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Gozes,I., Breneman,D.B., Basan,M. and Zamostiano,R.
TITLE      Activity dependent neurotrophic factor III (ADNF III)
JOURNAL    Patent: US 6613740-A 9 02-SEP-2003;
FEATURES
  source      1..20
              /organism="unknown"
              /mol_type="genomic DNA"

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3305 ACCTGCAGCAACCAAC 3321
Db      1 ACCTGCAGCAACCAAC 17

RESULT 414
LOCUS      AR409519/c  20 bp      DNA      linear      PAT 18-DEC-2003
DEFINITION Sequence 7 from patent US 6632976.
ACCESSION  AR409519
VERSION     AR409519.1  GI:40160492
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Tomizuka,K., Yoshida,H., Hanaoka,K., Oshimura,M. and Ishida,I.

```

TITLE Chimeric mice that are produced by microcell mediated chromosome transfer and that retain a human antibody gene
JOURNAL Patent: US 6632976-A 7 14-OCT-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 865 GCAGTCTAATGCCCTG 861
DB 20 GCCTGCTAATGCCCTG 4

RESULT 415

LOCUS AX053083 20 bp DNA linear PAT 12-JAN-2001
DEFINITION Sequence 7 from Patent WO0071703.
ACCESSION AX053083
VERSION AX053083.1 GI:12227140
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Macleod,A.R., Li,Z. and Besterman,J.M.
TITLE Inhibition of histone deacetylase
JOURNAL Patent: WO 0071703-A 7 30-NOV-2000;
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic oligonucleotide"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2640 CCTGCAGCTGCTGCTGC 2656
DB 4 CCTGCAGCTGCTGCTGC 20

RESULT 416

LOCUS AX053092 20 bp DNA linear PAT 12-JAN-2001
DEFINITION Sequence 16 from Patent WO0071703.
ACCESSION AX053092
VERSION AX053092.1 GI:12227149
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Macleod,A.R., Li,Z. and Besterman,J.M.
TITLE Inhibition of histone deacetylase
JOURNAL Patent: WO 0071703-A 16 30-NOV-2000;
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Combined DNA/RNA molecule: Positions 1-4 and 17-20 are 2'-methoxyribose substituted nucleotides; positions 5-16 are deoxyribonucleotides"

Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2640 CCTGCAGCTGCTGCTGC 2656
DB 4 CCTGCAGCTGCTGCTGC 20

RESULT 417
LOCUS AX067205/c 20 bp DNA linear PAT 24-JAN-2001
DEFINITION Sequence 57 from Patent WO0100669.
ACCESSION AX067205
VERSION AX067205.1 GI:12544870
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Barry,C., Bougueleret,L., Chumakov,I. and Cohen-Avenine,A.
TITLE A bap28 gene and protein
JOURNAL Patent: WO 0100669-A 57 04-JAN-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide BAP28polyTcour"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5399 ATACAAAAAGAAAAA 5415
DB 19 ATACAAAAAGAAAAA 3

RESULT 418
LOCUS AX081478 20 bp DNA linear PAT 27-FEB-2001
DEFINITION Sequence 20 from Patent WO0109311.
ACCESSION AX081478
VERSION AX081478.1 GI:13170301
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Gozes,I., Brennuman,D.E., Zamostiano,R., Gelber,E., Pinhasov,A. and Basaran,M.
TITLE Methods of inhibiting cancer cells with adnf iii antisense oligonucleotides
JOURNAL Patent: WO 0109311-A 20 08-FEB-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="mouse ADNF III cDNA sense primer"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3305 ACCTGCAGCAACAAC 3321
DB 1 ACCTGCAGCAACAAC 17

Query Match

0.3%; Score 15.4; DB 1; Length 20;

RESULT 419
AX5462762
LOCUS AX5462762 20 bp DNA linear PAT 15-JUL-2002
DEFINITION Sequence 506 from Patent EP1217079.
ACCESSION AX5462762
VERSION AX5462762.1 GI:21885988
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 Aegilops tauschii
Aegilops tauschii
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Poideae; Triticeae; Aegilops.
AUTHORS Bernard, M., Sourdis, P. and Grysmarch, H.
TITLE Microsatellite markers from Triticum tauschii
JOURNAL Patent: EP 1217079-A 506 26-JUN-2002;
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA) (FR)
LOCATION/Qualifiers
FEATURES
source 1..20
/organism="Aegilops tauschii"
/mol_type="unassigned DNA"
/db_xref="taxon:37682"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3423 GAGCAGGAACTGAGCG 3439
DB 1 GAGCAGGAACTGAGCG 17

RESULT 420
AX546303
LOCUS AX546303 20 bp DNA linear PAT 26-NOV-2002
DEFINITION Sequence 52 from Patent EP1243290.
ACCESSION AX546303
VERSION AX546303.1 GI:25811494
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Besterman, J.M., Macleod, A.R. and Siders, W.M.
TITLE Modulation of gene expression by combination therapy
JOURNAL Patent: EP 1243290-A 52 25-SEP-2002;
MethylGene, Inc. (CA)
LOCATION/Qualifiers
FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="oligonucleotide"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2640 CCTGCAGCTGCTGCTGC 2656
DB 4 CCTGCAGCTGCTGCTGC 20

RESULT 421
AX546393
LOCUS AX546393 20 bp DNA linear PAT 26-NOV-2002
DEFINITION Sequence 52 from Patent EP1243289.
ACCESSION AX546393
VERSION AX546393.1 GI:25811584
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Besterman, J.M., Macleod, A.R. and Siders, W.M.
TITLE Modulation of gene expression by combination therapy
JOURNAL Patent: EP 1243289-A 52 25-SEP-2002;
MethylGene, Inc. (CA)
LOCATION/Qualifiers
FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="oligonucleotide"

REFERENCE
1
AUTHORS Besterman, J.M., Macleod, A.R. and Siders, W.M.
TITLE Modulation of gene expression by combination therapy
JOURNAL Patent: EP 1243289-A 52 25-SEP-2002;
MethylGene, Inc. (CA)
LOCATION/Qualifiers
FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="oligonucleotide"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2640 CCTGCAGCTGCTGCTGC 2656
DB 4 CCTGCAGCTGCTGCTGC 20

RESULT 422
BD082203
LOCUS BD082203 20 bp DNA linear PAT 27-AUG-2002
DEFINITION Activity dependent neurotrophic factor III (ADNF III).
ACCESSION BD082203
VERSION BD082203.1 GI:22627813
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 20)
AUTHORS Gozes, I., Breneman, D.E. and Bassan, M.
TITLE Activity dependent neurotrophic factor III (ADNF III)
JOURNAL Patent: JP 2001522228-A 5 13-NOV-2001;
THE GOVERNMENT OF THE UNITED STATES OF AMERICA REPRESENTED BY THE
SECRETARY OF THE DEPARTMENT OF HEALTH HUMAN SERVICES
PN JP 2001522228-A/5
PD 13-NOV-2001
PF 06-FEB-1998 JP 1998534982
PR 07-FEB-1997 US 60/037404
PI ILLANA GOZES, DOUGLAS E BRENNEMAN, MERRAV BASSAN PC
CI 21N15/18, C07K14/475, C07K16/22, A61K38/22
CC Strandedness: Single;
CC Topology: Linear;
FH Key Location/Qualifiers
FEATURES
source 1..20
/organism="Zea mays"
/mol_type="genomic DNA"
/db_xref="taxon:4577"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3305 ACCTGCAGCAAAACAC 3321
DB 1 ACCTGCAGCAAAACAC 17

RESULT 423
AR001399/c
LOCUS AR001399 21 bp DNA linear PAT 04-DEC-1998
DEFINITION Sequence 42 from patent US 5739118.
ACCESSION AR001399
VERSION AR001399.1 GI:3936466
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Unknown.
TITLE Unknown.
JOURNAL Unknown.
LOCATION/Qualifiers
FEATURES
source Unknown.
/organism="Unknown."
/mol_type="Unknown."
/db_xref="taxon:Unknown."

REFERENCE 1 (bases 1 to 21)
AUTHORS Carrano,R.A., Wang,B. and Weiner,D.B.
TITLE Compositions and methods for delivery of genetic material
JOURNAL Patent: US 5739118-A 42 14-APR-1998;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1261 AGCTACAGCCCAACCA 1277
Db 18 AGCCAAAGCCCAACCA 2

RESULT 424
AR069988
LOCUS AR069988 21 bp DNA linear PAT 18-FEB-2000
DEFINITION Sequence 21 from patent US 5891703.
ACCESSION AR069988
VERSION AR069988.1 GI:7220876
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Van Der laan,J.M., Riemens,A.W. and Quax,W.J.
TITLE Mutated penicillin G acylase genes
JOURNAL Patent: US 5891703-A 21 06-APR-1999;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 3967 GGGCCTGCTGGACATCAAG 3987
Db 1 GGGVCACTGCTGGCCTCAAG 21

RESULT 425
AR078379/c
LOCUS AR078379 21 bp DNA linear PAT 31-AUG-2000
DEFINITION Sequence 42 from patent US 5962428.
ACCESSION AR078379
VERSION AR078379.1 GI:10005125
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Carrano,R.A., Wang,B. and Weiner,D.B.
TITLE Compositions and methods for delivery of genetic material
JOURNAL Patent: US 5962428-A 42 05-OCT-1999;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1261 AGCTACAGCCCAACCA 1277
Db 18 AGCCAAAGCCCAACCA 2

RESULT 426
AR085230/c
LOCUS AR085230 21 bp DNA linear PAT 01-SEP-2000
DEFINITION Sequence 46 from patent US 5981505.
ACCESSION AR085230
VERSION AR085230.1 GI:10012000
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Weiner,D.B., Williams,W.V. and Wang,B.
TITLE Compositions and methods for delivery of genetic material
JOURNAL Patent: US 5981505-A 46 09-NOV-1999;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1261 AGCTACAGCCCAACCA 1277
Db 18 AGCCAAAGCCCAACCA 2

RESULT 427
AR103532/c
LOCUS AR103532 21 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 56 from patent US 6087485.
ACCESSION AR103532
VERSION AR103532.1 GI:12815120
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Brooks-Wilson,A.R., Buckler,A., Cardon,L., Carey,A.H., Galvin,M.,
TITLE Asthma related genes
JOURNAL Patent: US 6087485-A 56 11-JUL-2000;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.1e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 4891 ACAAGTGCATCTGGTTT 4909
Db 20 ACAAGTGCYGTCTGCTT 2

RESULT 428
AR138150/c
LOCUS AR138150 21 bp DNA linear PAT 16-JUN-2001
DEFINITION Sequence 42 from patent US 6197755.
ACCESSION AR138150
VERSION AR138150.1 GI:14479659
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Carrano,R.A., Wang,B. and Weiner,D.B.
TITLE Compositions and methods for delivery of genetic material
JOURNAL Patent: US 6197755-A 42 06-MAR-2001;
FEATURES Location/Qualifiers

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source 1. .21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1261 AGCTACAGCCCA 1277
DB 18 AGCCACAGCCCA 2

RESULT 429
AR148280/c 21 bp DNA linear PAT 08-AUG-2001
LOCUS AR148280
DEFINITION Sequence 11 from patent US 6225082.
ACCESSION AR148280
VERSION AR148280.1 GI:15112370
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 21)
CARSON,J., KWON,S., AINGER,K. and AVOSOA,D.
TITLE Myelin basic protein mRNA transport and translation enhancer
JOURNAL Patent: US 6225082-A 11 01-MAY-2001;
FEATURES
source 1. .21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 81 CTGCTCTGCGGCTCCTC 97
DB 20 CTGCTCTGCGGCTCCTC 4

RESULT 430
BD232905 21 bp DNA linear PAT 17-JUL-2003
LOCUS BD232905
DEFINITION Method of detecting mutation selected by drug in HIV protease gene.
ACCESSION BD232905
VERSION BD232905.1 GI:33042675
KEYWORDS JP 2002518065-A/1.
SOURCE JP 2002518065-A/1.
ORGANISM Aids-associated retrovirus
Aids-associated retrovirus
Viruses; Retrovirdae; Retroviridae.
REFERENCE 1 (bases 1 to 21)
STUYVER,L.
AUTHORS Method of detecting mutation selected by drug in HIV protease gene
TITLE Patent: JP 2002518065-A 1 25-JUN-2002;
JOURNAL INNOVENTICS NV
COMMENT OS Aids-associated retrovirus
PN JP 2002518065-A/1
PD 25-JUN-2002
PP 22-JUN-1999 JP 2000556068
PR 24-JUN-1998 EP 98870143.9
PI LIEVEN STUYVER
PC C12N15/09, C12Q1/68, C12Q1/70, C12N15/00
CC Method of detecting mutation selected by drug in HIV protease
CQ Key gene
FH Key Location/Qualifiers
FT source 1. .21
/organism="Aids-associated retrovirus"
Location/Qualifiers
1. .21
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1261 AGCTACAGCCCA 1277
DB 4 AGCCACAGCCCA 20

RESULT 431
BD233405 21 bp DNA linear PAT 17-JUL-2003
LOCUS BD233405
DEFINITION Method of detecting mutation selected by drug in HIV protease gene.
ACCESSION BD233405
VERSION BD233405.1 GI:33043175
KEYWORDS JP 2002518065-A/501.
SOURCE JP 2002518065-A/501.
ORGANISM Aids-associated retrovirus
Aids-associated retrovirus
Viruses; Retrovirdae; Retroviridae.
REFERENCE 1 (bases 1 to 21)
STUYVER,L.
AUTHORS Method of detecting mutation selected by drug in HIV protease gene
TITLE Patent: JP 2002518065-A 501 25-JUN-2002;
JOURNAL INNOVENTICS NV
COMMENT OS Aids-associated retrovirus
PN JP 2002518065-A/501
PD 25-JUN-2002
PP 22-JUN-1999 JP 2000556068
PR 24-JUN-1998 EP 98870143.9
PI LIEVEN STUYVER
PC C12N15/09, C12Q1/68, C12Q1/70, C12N15/00
CC Method of detecting mutation selected by drug in HIV protease
CQ Key gene
FH Key Location/Qualifiers
FT source 1. .21
/organism="Aids-associated retrovirus"
Location/Qualifiers
1. .21
/mol_type="genomic DNA"
/db_xref="taxon:11966"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1261 AGCTACAGCCCA 1277
DB 4 AGCCACAGCCCA 20

RESULT 432
CQ786140/c 21 bp DNA linear PAT 24-MAR-2004
LOCUS CQ786140
DEFINITION Sequence 28 from Patent WO2004018676.
ACCESSION CQ786140
VERSION CQ786140.1 GI:45721243
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
JANSEN,B., GLAIVE,M.B., SIGMAEVSKY,M., BERALDI,E., TROUNGAKOS,I. and
GONOS,B.
AUTHORS Rnal probes targeting cancer-related proteins
TITLE Patent: WO 2004018676-A 28 04-MAR-2004;
JOURNAL The University of British Columbia (CA)
FEATURES
source 1. .21
/organism="synthetic construct"
/mol_type="unassigned DNA"
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```
/db_xref="taxon:32630"
/note="RNA1 for human IGFBP-5"

Query Match
  0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1634 AGCTGGCCAGTCTCAG 1650
  |||||
  17 AGCTGACCCAGTCCAG 1

RESULT 433
AR194277/c 21 bp DNA linear PAT 20-APR-2002
LOCUS AR194277
DEFINITION Sequence 34 from patent US 6348449.
ACCESSION AR194277
VERSION AR194277.1 GI:20240869
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 21)
AUTHORS Weiner,D.B., Wang,B. and Ugen,K.E.
TITLE Method of inducing mucosal immunity
JOURNAL Patent: US 6348449-A 34 19-FEB-2002;
FEATURES
  Location/Qualifiers
    1..21
    /organism="unknown"
    /mol_type="unassigned DNA"

Query Match
  0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1261 AGCTTACAGCCCGACCA 1277
  |||||
  18 AGCCACAGCCCGACCA 2

RESULT 434
AR299824/c 21 bp DNA linear PAT 12-JUN-2003
LOCUS AR299824
DEFINITION Sequence 11559 from patent US 6537751.
ACCESSION AR299824
VERSION AR299824.1 GI:31687108
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 21)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
JOURNAL dis-equilibrium map of the human genome
FEATURES Patent: US 6537751-A 11559 25-MAR-2003;
  Location/Qualifiers
    1..21
    /organism="unknown"
    /mol_type="genomic DNA"

Query Match
  0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2129 GGAAGGAAAACACACA 2145
  |||||
  20 GGAAGGAAAACACACA 4

RESULT 435
AR317440 21 bp DNA linear PAT 17-AUG-2003
LOCUS AR317440
DEFINITION Sequence 31 from patent US 6562957.
```

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ACCESSION AR317440
VERSION AR317440.1 GI:33698542
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 21)
AUTHORS Letarte,M., Marchuk,D.A. and McAllister,K.
TITLE Genomic sequence encoding endoglin and fragments thereof
JOURNAL Patent: US 6562957-A 31 13-MAY-2003;
FEATURES
  Location/Qualifiers
    1..21
    /organism="unknown"
    /mol_type="genomic DNA"

Query Match
  0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2609 AGGGAGGAACTGATG 2625
  |||||
  3 AGGGAGGAACTGATG 19

RESULT 436
AR359811/c 21 bp DNA linear PAT 17-AUG-2003
LOCUS AR359811
DEFINITION Sequence 10 from patent US 6593466.
ACCESSION AR359811
VERSION AR359811.1 GI:33766609
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 21)
AUTHORS Manoharan,M., Cook,P.D., Prakash,T.P. and Mohan,V.
TITLE Guanidinium functionalized nucleotides and precursors thereof
JOURNAL Patent: US 6593466-A 10 15-JUL-2003;
FEATURES
  Location/Qualifiers
    1..21
    /organism="unknown"
    /mol_type="genomic DNA"

Query Match
  0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1186 AGAGAGAGAGAAATC 1202
  |||||
  18 AGAGAGAGAGAAATC 2

RESULT 437
AX007459 21 bp DNA linear PAT 06-SEP-2000
LOCUS AX007459
DEFINITION Sequence 1 from Patent WO967428.
ACCESSION AX007459
VERSION AX007459.1 GI:9995156
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1
AUTHORS Stuyver,L.
TITLE Method for detection of drug-selected mutations in the hiv protease
JOURNAL gene
FEATURES Patent: WO 967428-A 1 29-DEC-1999;
  INNOCENTICS NV (BE); STUYVER LIEVEN (BE)
  Location/Qualifiers
    1..21
    /organism="Aids-associated retrovirus"
    /mol_type="unassigned DNA"
    /db_xref="taxon:11966"
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Query Match 0.3%; Score 15.4; DB 1; Length 21;
 Best Local Similarity 94.1%; Pred. No. 5.1e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1261 AGCCTACAGCCGCCACCA 1277
 |||||
 DB 4 AGCCACAGCCGCCACCA 20

RESULT 438
 AX007959 21 bp DNA linear PAT 06-SEP-2000
 LOCUS Sequence 501 from Patent WO967428.
 DEFINITION AX007959
 ACCESSION AX007959
 VERSION AX007959.1 GI:9995656
 KEYWORDS
 SOURCE Aids-associated retrovirus
 ORGANISM Aids-associated retrovirus
 Viruses; Retroid viruses; Retroviridae.
 REFERENCE
 1 Stuyver, L.
 AUTHORS Method for detection of drug-selected mutations in the hiv protease
 TITLE Patent: WO 967428-A 501 29-DEC-1999;
 JOURNAL INNOCENTICS NV (BE); STUYVER LIEVEN (BE)
 LOCATION/Qualifiers
 1. 21
 /organism="Aids-associated retrovirus"
 /mol_type="unassigned DNA"
 /db_xref="taxon:11966"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
 Best Local Similarity 94.1%; Pred. No. 5.1e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1261 AGCCTACAGCCGCCACCA 1277
 |||||
 DB 4 AGCCACAGCCGCCACCA 20

RESULT 439
 AX058646/c 21 bp DNA linear PAT 17-JAN-2001
 LOCUS Sequence 53 from Patent WO0075321.
 DEFINITION AX058646
 ACCESSION AX058646
 VERSION AX058646.1 GI:12310987
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 artificial sequences.
 REFERENCE
 1 Shimketa, R.A., Fernandes, E., Herrman, V. and Vernet, C.
 AUTHORS Polynucleotides and membrane-bound polypeptides encoded thereby
 TITLE Patent: WO 0075321-A 53 14-DEC-2000;
 JOURNAL Curagen Corporation (US)
 LOCATION/Qualifiers
 1. 21
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="chemically synthesized"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
 Best Local Similarity 94.1%; Pred. No. 5.1e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1925 CTTCTTGAGCAGCA 1941
 |||||
 DB 20 CTTCTTGAGCAGCA 4

RESULT 440

AX214491
 LOCUS Sequence 34 from Patent WO0159152.
 DEFINITION AX214491
 ACCESSION AX214491
 VERSION AX214491.1 GI:15524539
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 artificial sequences.
 REFERENCE
 1 Zanger, U.M. and Lang, T.
 AUTHORS Polymorphisms in the human cyp2b6 gene and their use in diagnostic
 TITLE and therapeutic applications
 JOURNAL Patent: WO 0159152-A 34 16-AUG-2001;
 EpiDuros Biotechnologie AG (DE)
 LOCATION/Qualifiers
 1. 21
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="artificial"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
 Best Local Similarity 94.1%; Pred. No. 5.1e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4869 GTCTCAGTTCTTCTC 4885
 |||||
 DB 1 GTCTCAGTTCTTCTC 17

RESULT 441
 AX956632 21 bp DNA linear PAT 08-JAN-2004
 LOCUS Sequence 182 from Patent WO03097869.
 DEFINITION AX956632
 ACCESSION AX956632
 VERSION AX956632.1 GI:40785141
 KEYWORDS
 SOURCE Rosa sp.
 ORGANISM Rosa sp.
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 rosids; eurosids I; Rosales; Rosaceae; Rosoideae; Rosa.
 REFERENCE
 1 Gues, K.H.
 AUTHORS Microsatellite markers for genetic analyses and the differentiation
 TITLE of roses
 JOURNAL Patent: WO 03097869-A 182 27-NOV-2003;
 Con/Cipio GmbH (DE)
 LOCATION/Qualifiers
 1. 21
 /organism="Rosa sp."
 /mol_type="unassigned DNA"
 /db_xref="taxon:36598"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
 Best Local Similarity 94.1%; Pred. No. 5.1e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2920 CTTCTCCGCTCTCA 2936
 |||||
 DB 5 CTTCTCTGCTCTCA 21

RESULT 442
 BD129762 21 bp DNA linear PAT 18-SEP-2002
 LOCUS BD129762/c
 DEFINITION Aethma-associated gene.
 ACCESSION BD129762
 VERSION BD129762.1 GI:23224707
 KEYWORDS JP 2002500895-A/52.
 SOURCE unidentified
 ORGANISM unidentified

```

REFERENCE 1 unclassified.
AUTHORS 1 (bases 1 to 21)
TITLE Wilson,A.R.B., Buckler,A., Cardon,L., Carey,A.H., Galvin,M.,
JOURNAL Miller,A. and North,M.
        Asthma-associated gene
        Patent: JP 2002500895-A 52 15-JAN-2002;
        AXYS PHARMACEUTICALS INC
COMMENT OS Unidentified
        PN JP 2002500895-A/52
        PD 15-JAN-2002
        PF 21-JAN-1998 JP 2000528715
        PI ANGELA R BROOKS WILSON,ALAN BUCKLER,LON
        CARDON,ALISOUN H CAREY,
        PI MARGARET GALVIN,ANDREW MILLER,MICHAEL NORTH
        PC C12Q1/68,A01K67/027,C07K14/47,C12N15/09,C12N15/00 CC
        Strandedness: Single;
        CC Topology: Linear;
        CC Asthma-associated gene
        FH Key Location/Qualifiers
        FT source 1..21
        Location/Qualifiers
        1..21
        /organism="Unidentified".
        /organism="unidentified"
        /mol_type="genomic DNA"
        /db_xref="taxon:32644"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.1e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 4891 ACAAGTTGCCATCTGCTT 4909
DB 20 ACAAGTTGCTGCTGCTT 2

RESULT 443
AR066407/c 22 bp DNA linear PAT 29-SEP-1999
LOCUS AR066407
DEFINITION Sequence 31 from patent US 5849995.
ACCESSION AR066407
VERSION AR066407.1 GI:5996623
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 22)
AUTHORS Hayden,M., Lin,B. and Nasir,J.
TITLE Mouse model for Huntington's Disease and related DNA sequences
JOURNAL Patent: US 5849995-A 31 15-DEC-1998;
FEATURES Location/Qualifiers
        1..22
        /organism="Unknown"
        /mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 5.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5395 AAAAATACAAAAGAA 5411
DB 20 AAAAATACAAAAGAA 4

RESULT 444
CQ796440/c 22 bp DNA linear PAT 19-APR-2004
LOCUS CQ796440
DEFINITION Sequence 3 from Patent WO2004027093.
ACCESSION CQ796440
VERSION CQ796440.1 GI:46408212
KEYWORDS
SOURCE
ORGANISM synthetic construct
        synthetic construct

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```

REFERENCE 1 artificial sequences.
AUTHORS Mir,K.
TITLE Molecular arrays and single molecule detection
JOURNAL Patent: WO 2004027093-A 3 01-APR-2004;
        THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD
        (GB)
FEATURES Location/Qualifiers
        source 1..22
        /organism="synthetic construct"
        /mol_type="unassigned DNA"
        /db_xref="taxon:32630"
        /note="Anchor oligonucleotide (pg 152)"
        22
        /note="V = A, G or C"

Query Match 0.3%; Score 15.4; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAGAA 5412
DB 21 BAAAAAATACAAAAGAA 1

RESULT 445
AX583623/c 22 bp DNA linear PAT 10-JAN-2003
LOCUS AX583623
DEFINITION Sequence 3 from Patent WO02074988.
ACCESSION AX583623
VERSION AX583623.1 GI:27655433
KEYWORDS
SOURCE
ORGANISM synthetic construct
        synthetic construct
        artificial sequences.
REFERENCE 1
AUTHORS Mir,K.
TITLE Arrays and methods of use
JOURNAL Patent: WO 02074988-A 3 26-SEP-2002;
        THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD
        (GB)
FEATURES Location/Qualifiers
        source 1..22
        /organism="synthetic construct"
        /mol_type="unassigned DNA"
        /db_xref="taxon:32630"
        /note="synthetic oligonucleotide primer (Oligo-dT)"

Query Match 0.3%; Score 15.4; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAGAA 5412
DB 21 BAAAAAATACAAAAGAA 1

RESULT 446
AX745979 22 bp DNA linear PAT 14-MAY-2003
LOCUS AX745979
DEFINITION Sequence 16 from Patent WO03030922.
ACCESSION AX745979
VERSION AX745979.1 GI:30724630
KEYWORDS
SOURCE
ORGANISM synthetic construct
        synthetic construct
        artificial sequences.
REFERENCE 1
AUTHORS Stenemagel,A., Bruenner,G., Fritsch,R., Eulenberg,K. and
        Ciossek,T.
TITLE Bestrophin and bestrophin homologous proteins involved in the
        regulation of energy homeostasis
JOURNAL Patent: WO 03030922-A 16 17-APR-2003;

```


Develogen Aktiengesellschaft fuer Entwicklungsbiologische Forschung
(DB)

FEATURES
source

Location/Qualifiers
1..22
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="primer"

Query Match 0.3%; Score 15.4; DB 1; Length 22;

Best Local Similarity 94.1%; Pred. No. 5.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2954 AGGAGCTGAGCACTAGT 2970

DB 1 AGGATCTGAGCACTAGT 17

RESULT 447

AX952119 22 bp DNA linear PAT 08-JAN-2004

LOCUS AX952119 Sequence 25 from Patent WO03093506.

DEFINITION AX952119

ACCESSION AX952119.1 GI:40782501

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1..22
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
/note="Artificial Primer"

Query Match 0.3%; Score 15.4; DB 1; Length 22;

Best Local Similarity 94.1%; Pred. No. 5.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 340 TTCTTACCACTGCCCT 356

DB 3 TTCTTACCACTGCCCT 19

RESULT 448

AB005884 20 bp DNA linear MAM 24-JUL-1997

LOCUS AB005884 Bos taurus PCR sense primer for microsatellite D1K114.

DEFINITION AB005884

ACCESSION AB005884.1 GI:2280523

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1 (bases 1 to 20)
Ihara,N., Yamakuchi,H., Hizano,T., Takeda,H., Taniguchi,Y.,
Sasaki,Y., Davis,S., Barendse,W. and Sugimoto,Y.
Physical and genetic mapping of bovine C/EBP alpha and PPAR gamma
genes
Unpublished
2 (bases 1 to 20)
Ihara,N.
Direct Submision
Submitted (18-JUL-1997) Naoya Ihara, Japan Live Stock Technology
Association, Shizuka Institute of Animal Genetics, Nishigo
Odakura, Nishikawakawa, Fukushima 961, Japan

(E-mail:LD103222@niftyserve.or.jp, Tel: +81-248-25-5641,
Fax: +81-248-25-5725)

FEATURES
source

Location/Qualifiers
1..20
/organism="Bos taurus"
/mol_type="genomic DNA"
/db_xref="taxon:9913"
misc_feature
/note="microsatellite D1K14 PCR sense primer"

Query Match 0.3%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2972 GAATCTGCTGAGCACTCT 2991

DB 20 GAATCTCTTAAAGCCCTCT 1

RESULT 449

A73034 20 bp DNA linear PAT 15-OCT-1999

LOCUS A73034 Sequence 10 from Patent WO9429451.

DEFINITION A73034

ACCESSION A73034.1 GI:6063922

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1..20
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1272 CCACCACCACTGAGAC 1291

DB 1 CCACCACCACTGAGAC 20

RESULT 450

A73126 20 bp DNA linear PAT 15-OCT-1999

LOCUS A73126 Sequence 10 from Patent WO9429451.

DEFINITION A73126

ACCESSION A73126.1 GI:6063997

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1 (bases 1 to 20)
Morgan,S.A. and Emlage,J.S.
ANTIBODIES
Patent: WO 9429351-A 10 22-DEC-1994;
CELLTECH LTD (GB); MORGAN SUSAN ADRIENNE (GB)
Location/Qualifiers
1..20
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1272 CCACCACCATGGGAGC 1291
|||||
Db 1 CCACCACCATGGGAGC 20

RESULT 451
AR023992 AR023992 20 bp DNA linear PAT 05-DEC-1998
LOCUS Sequence 10 from patent US 5795764.
DEFINITION AR023992
ACCESSION AR023992
VERSION AR023992.1 GI:3977286
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Christgau,S., Kofoed,L.,Venke., Andersen,L.,Nonboe., Kauppinen,S.,
Helat-Hansen,H.,Peter. and Dalbege,H.
TITLE Enzyme exhibiting mannase activity
JOURNAL Patent: US 5795764-A 10 18-AUG-1998;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 39 CAGCAGCCCGGGCTCACT 58
|||||
Db 1 CAGCAGCTCGGGCTCACT 20

RESULT 452
AR064875 AR064875 20 bp DNA linear PAT 29-SEP-1999
LOCUS Sequence 5 from patent US 5849480.
DEFINITION AR064875
ACCESSION AR064875
VERSION AR064875.1 GI:5995091
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Cross,P., Kurfurst,R., Battail,N. and Pigs,N.
TITLE Process and device for assaying a hapten
JOURNAL Patent: US 5849480-A 5 15-DEC-1998;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAATCAAAAAGAA 5412
|||||
Db 20 AAAAATCAAAAAGAA 1

RESULT 453
AR080000 AR080000 20 bp DNA linear PAT 31-AUG-2000
LOCUS Sequence 83 from patent US 598524.
DEFINITION AR080000
ACCESSION AR080000
VERSION AR080000.1 GI:1006735
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Tan,P., Skinner,M. and Prestidge,R.
TITLE Compounds and methods for treatment and diagnosis of mycobacterial
JOURNAL Patent: US 598524-A 83 16-NOV-1999;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

REFERENCE 1 (bases 1 to 20)
AUTHORS Watson,J.D. and Tan,P.L.J.
TITLE Methods and compounds for the treatment of immunologically-mediated
JOURNAL psoriasis
PATENT: US 5968524-A 83 19-OCT-1999;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAATCAAAAAGAA 5412
|||||
Db 1 AAAAATCAAAAAGAA 20

RESULT 454
AR085559 AR085559 20 bp DNA linear PAT 01-SEP-2000
LOCUS Sequence 37 from patent US 5981731.
DEFINITION AR085559
ACCESSION AR085559
VERSION AR085559.1 GI:10012326
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Monia,B.P.
TITLE Antisense oligonucleotide modulation of B-raf gene expression
JOURNAL Patent: US 5981731-A 37 09-NOV-1999;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5412 AAAATGAATTAAGCA 5431
|||||
Db 20 AAAATGAATTAAGCA 1

RESULT 455
AR085926 AR085926 20 bp DNA linear PAT 07-SEP-2000
LOCUS Sequence 83 from patent US 5985287.
DEFINITION AR085926
ACCESSION AR085926
VERSION AR085926.1 GI:10012692
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Tan,P., Skinner,M. and Prestidge,R.
TITLE Compounds and methods for treatment and diagnosis of mycobacterial
JOURNAL Patent: US 5985287-A 83 16-NOV-1999;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAATCAAAAAGAA 5412
|||||

Db	1	AAAAAAAAAAAAAAAAAAAAA	20
RESULT 456			
LOCUS	AR087520/c	20 bp	DNA
DEFINITION	Sequence 1 from patent US 5986084.		linear PAT 07-SEP-2000
ACCESSION	AR087520		
VERSION	AR087520.1	GI:10014283	
KEYWORDS	.		
SOURCE	Unknown.		
ORGANISM	Unclassified.		
REFERENCE	1 (bases 1 to 20)		
AUTHORS	Pitech,S., Weiss,P.A. and Jenny,L.		
TITLE	Ribonucleoside-derivative and method for preparing the same		
JOURNAL	Patent: US 5986084-A 1 16-NOV-1999;		
FEATURES	Location/Qualifiers		
source	1..20		
	/organism="unknown"		
	/mol_type="unassigned DNA"		
Query Match	0.3%; Score 15.2; DB 1;	Length 20;	
Best Local Similarity	85.0%; Pred.No.5.3e+02;		
Matches	17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;		
QY	5393 AAAAAAAAAATCACAAAAGAA	5412	
Db	20 AAAAAAAAAAAAAAAAAAAAAA	1	
RESULT 457			
LOCUS	AR093312	20 bp	DNA
DEFINITION	Sequence 83 from patent US 6001361.		linear PAT 08-SEP-2000
ACCESSION	AR093312		
VERSION	AR093312.1	GI:10020062	
KEYWORDS	.		
SOURCE	Unknown.		
ORGANISM	Unclassified.		
REFERENCE	1 (bases 1 to 20)		
AUTHORS	Tan,P., Miyama,J., Visser,E., Skinner,M., Scott,L. and Prestidge,R.		
TITLE	Mycobacterium vaccae antigens		
JOURNAL	Patent: US 6001361-A 83 14-DEC-1999;		
FEATURES	Location/Qualifiers		
source	1..20		
	/organism="unknown"		
	/mol_type="unassigned DNA"		
Query Match	0.3%; Score 15.2; DB 1;	Length 20;	
Best Local Similarity	85.0%; Pred.No.5.3e+02;		
Matches	17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;		
QY	5393 AAAAAAAAAATCACAAAAGAA	5412	
Db	1 AAAAAAAAAAAAAAAAAAAAAA	20	
RESULT 458			
LOCUS	ARI18958/c	20 bp	DNA
DEFINITION	Sequence 84 from patent US 6150092.		linear PAT 16-MAY-2001
ACCESSION	ARI18958		
VERSION	ARI18958.1	GI:14100868	
KEYWORDS	.		
SOURCE	Unknown.		
ORGANISM	Unclassified.		
REFERENCE	1 (bases 1 to 20)		
AUTHORS	Uchida,K., Uchida,T., Tanaka,Y., Matenda,Y. and Kondo,S.		
TITLE	Antisense nucleic acid compound targeted to VEGF		
JOURNAL	Patent: US 6150092-A 84 21-NOV-2000;		

[illegible]

LOCUS AR123335 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 1 from patent US 6169176.
ACCESSION AR123335
VERSION AR123335.1 GI:14108301
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bruice, T.C. and Dev, A.P.
TITLE Deoxynucleic alkyl thionrea compounds and uses thereof
JOURNAL Patent: US 6169176-A 1 02-JAN-2001;
FEATURES
source
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATCAAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAA 20

RESULT 462
LOCUS AR126930 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 10 from patent US 6180377.
ACCESSION AR126930
VERSION AR126930.1 GI:14113523
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Morgan, S., Adrienne., Emtage, J., Spencer., Bodmer, M., William. and Achwal, D., Singh.
TITLE Humanized antibodies
JOURNAL Patent: US 6180377-A 10 30-JAN-2001;
FEATURES
source
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1272 CCACCACCATGGAGC 1291
Db 1 CCACCACCATGGAGC 20

RESULT 463
LOCUS AR141070/c 20 bp DNA linear PAT 16-JUN-2001
DEFINITION Sequence 1 from patent US 6207819.
ACCESSION AR141070
VERSION AR141070.1 GI:14483566
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Manoharan, M. and Maier, M.A.
TITLE Compounds, processes and intermediates for synthesis of mixed backbone oligomeric compounds
JOURNAL Patent: US 6207819-A 1 27-MAR-2001;
FEATURES
source
/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATCAAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAA 1

RESULT 464
LOCUS AR154115/c 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 14 from patent US 6238865.
ACCESSION AR154115
VERSION AR154115.1 GI:15122168
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Huang, Z. and Szoetk, J.W.
TITLE Simple and efficient method to label and modify 3'-termini of RNA using DNA polymerase and a synthetic template with defined overhang nucleotides
JOURNAL Patent: US 6238865-A 14 29-MAY-2001;
FEATURES
source
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATCAAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAA 1

RESULT 465
LOCUS AR164658 20 bp DNA linear PAT 17-OCT-2001
DEFINITION Sequence 13 from patent US 6274321.
ACCESSION AR164658
VERSION AR164658.1 GI:16237754
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Blumberg, B.
TITLE High throughput functional screening of cDNAs
JOURNAL Patent: US 6274321-A 13 14-AUG-2001;
FEATURES
source
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATCAAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAA 20

RESULT 466
LOCUS BD182662 20 bp DNA linear PAT 17-JUL-2003
DEFINITION A Method for Creating Endothelial Cell Dysfunction in Cell

```

ACCESSION  BD182662.1  GI:31874862
KEYWORDS   JP 2002355075-A/3.
SOURCE     Homo sapiens (human)
ORGANISM   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Kraenastis,S.K., Lin,Z. and Panec,R.L.
TITLE      A Method for Creating Endothelial Cell Dysfunction in Cell
            Structure
JOURNAL    Patent: JP 2002355075-A 3 10-DEC-2002;
COMMENT    Warner-Lambert Company
OS         Homo sapiens
PN         JP 2002355075-A/3
PD         10-DEC-2002  JP 2002020731
PE         29-JAN-2002  JP 2002020731
PR         29-JAN-2001  US 60/264780
PI         sociios konstantinou kraenastis, zlu lln, robert lee panec CC
FEATURES   FH Key Location/Qualifiers
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            /organism="Homo sapiens"
            /mol_type="genomic DNA"
            /db_xref="taxon:9606"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 135 GATCTCAGAGTCAGAC 154
DB 1 GATCTCAGAGTCAGACCC 20

RESULT 467
LOCUS      BD218101
DEFINITION BD218101.1 GI:33027871
ACCESSION  BD218101.1 GI:33027871
VERSION    JP 2002514385-A/26.
KEYWORDS   synthetic construct
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Tan,P., Watson,J., Visser,B.S., Skinner,M.A. and Prestid,R.L.
TITLE      Compositions derived from mycobacterium vaccae and methods for
            their use.
JOURNAL    Patent: JP 2002514385-A 26 21-MAY-2002;
COMMENT    GENESIS RESEARCH AND DEVELOPMENT CORP LTD
OS         Artificial Sequence
PN         JP 2002514385-A/26
PD         21-MAY-2002
PE         23-DEC-1998  JP 2000525553
PR         23-DEC-1997  US 08/997362,23-DEC-1997  US 08/997080  PR
            23-DEC-1997  US 08/996624,11-JUN-1998  US 09/095855  PR
            17-SEP-1998  US 09/156181,04-DEC-1998  US 09/205426  PI PAUL
            TAN,JAMES WATSON,ELIZABETH S VISSER,MARGOT A SKINNER,ROSS
            PI 1. PRESTRIDGE
PC         C12N15/09,A61K31/711,A61K39/04,A61K48/00,A61P11/00,A61P11/06,
            PC A61P11/00,
            PC A61P17/06,A61P31/00,A61P31/06,A61P37/04,C07K14/35,C07K16/12,
            PC C07K19/00,
            PC C12N1/19,C12N1/21,C12N5/10,C12P21/08,C12Q1/02,G01N33/569, PC
            G01N33/68//
PC         (C12N15/09,C12R1.32),C12N15/00,C12N5/00,(C12N15/00,C12R1.32)
CC         Made in a lab
FH         Key Location/Qualifiers
            1..20
            /organism="Artificial Sequence".

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FEATURES   Location/Qualifiers
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            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAAAAAAAAAAGANA 5412
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 468
LOCUS      BD225270
DEFINITION BD225270.1 GI:33035040
ACCESSION  BD225270.1 GI:33035040
VERSION    JP 2002510508-A/25.
KEYWORDS   synthetic construct
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Stone,E.M., Sheffield,V.C., Alward,W.L.M. and Fingert,J.
TITLE      Remedies and diagnostic agents of glaucoma
JOURNAL    Patent: JP 2002510508-A 25 09-APR-2002;
            THE UNIVERSITY OF IOWA RESEARCH FOUNDATION
COMMENT    OS Artificial Sequence
            PN JP 2002510508-A/25
            PD 09-APR-2002
            PE 07-APR-1999  JP 2000542490
            PR 07-APR-1998  US 09/056285
            PI EDWIN M STONE,VAL C SHEFFIELD,WALLACE L M ALWARD,JOHN FINGERT
            PC C12N15/09,C12Q1/68,C12N15/00
            CC Description of Artificial Sequence: primer
            FH Key Location/Qualifiers
            1..20
            /organism="Artificial Sequence".
            FT source

FEATURES   Location/Qualifiers
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            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1960 GGGTCTCTGAGTCAGCAG 1979
DB 20 GGGGACTCTGAGTCAGCAG 1

RESULT 469
LOCUS      CQ761462
DEFINITION CQ761462.1 GI:44904698
ACCESSION  CQ761462.1 GI:44904698
VERSION    CQ761462.1 GI:44904698
KEYWORDS   synthetic construct
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1
AUTHORS    Kane,C.D.
TITLE      Antisense modulation of ltn1 expression
JOURNAL    Patent: WO 2004003201-A 80 08-JAN-2004;
            Pharmacia Corporation (US)
FEATURES   Location/Qualifiers
            1..20
            /organism="Artificial Sequence".

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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3436 AGGGCCCTGAGCAGAGAA 3455
DB 20 AGGGCCCTGAGCAGAGAA 1

RESULT 470
CQ762439/c 20 bp DNA linear PAT 03-MAR-2004
LOCUS CQ762439
DEFINITION Sequence 1057 from Patent WO2004003201.
ACCESSION CQ762439
VERSION CQ762439.1 GI:44905675
KEYWORDS
SOURCE . synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrh1 expression
JOURNAL Patent: WO 2004003201-A 1057 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3437 GGGCCCTGAGCAGAGAA 3456
DB 20 GGGCCCTGAGCAGAGAA 1

RESULT 471
CQ763876/c 20 bp DNA linear PAT 03-MAR-2004
LOCUS CQ763876
DEFINITION Sequence 2494 from Patent WO2004003201.
ACCESSION CQ763876
VERSION CQ763876.1 GI:44907112
KEYWORDS
SOURCE . synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrh1 expression
JOURNAL Patent: WO 2004003201-A 2494 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1610 ATGTCTTCTTACTGACTGC 1629
DB 20 ATGTCTTCTTACTGACTGC 1

RESULT 472
CQ764249/c 20 bp DNA linear PAT 03-MAR-2004
LOCUS CQ764249
DEFINITION Sequence 2867 from Patent WO2004003201.
ACCESSION CQ764249
VERSION CQ764249.1 GI:44907485
KEYWORDS
SOURCE . synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrh1 expression
JOURNAL Patent: WO 2004003201-A 2867 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1608 GCATGCTTCTTACTGACT 1627
DB 20 GCATGCTTCTTACTGACT 1

RESULT 473
CQ784128 20 bp DNA linear PAT 17-MAR-2004
LOCUS CQ784128
DEFINITION Sequence 4268 from Patent EP1396543.
ACCESSION CQ784128
VERSION CQ784128.1 GI:45538616
KEYWORDS
SOURCE . synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Ota,T., Nishikawa,T., Ieogai,T., Hayashi,K., Ishii,S., Kawai,Y.,
Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
Koga,H.
TITLE Primers for synthesizing full length cDNA clones and their use
JOURNAL Patent: EP 1396543-A 4268 10-MAR-2004;
Research Association for Biotechnology (JP)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence: an artificially
synthesized primer se q uence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3593 TTGCTCAGGCTATCTCAAA 3612
DB 1 TTGCTCAGGCTATCTCAAA 20

RESULT 474
CQ784129 20 bp DNA linear PAT 17-MAR-2004
LOCUS CQ784129
DEFINITION Sequence 4269 from Patent EP1396543.
ACCESSION CQ784129

20 ATGTCTTCTTACTGACTGC 1

RESULT 472
CQ764249/c 20 bp DNA linear PAT 03-MAR-2004
LOCUS CQ764249
DEFINITION Sequence 2867 from Patent WO2004003201.
ACCESSION CQ764249
VERSION CQ764249.1 GI:44907485
KEYWORDS
SOURCE . synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrh1 expression
JOURNAL Patent: WO 2004003201-A 2867 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1608 GCATGCTTCTTACTGACT 1627
DB 20 GCATGCTTCTTACTGACT 1

RESULT 473
CQ784128 20 bp DNA linear PAT 17-MAR-2004
LOCUS CQ784128
DEFINITION Sequence 4268 from Patent EP1396543.
ACCESSION CQ784128
VERSION CQ784128.1 GI:45538616
KEYWORDS
SOURCE . synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Ota,T., Nishikawa,T., Ieogai,T., Hayashi,K., Ishii,S., Kawai,Y.,
Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
Koga,H.
TITLE Primers for synthesizing full length cDNA clones and their use
JOURNAL Patent: EP 1396543-A 4268 10-MAR-2004;
Research Association for Biotechnology (JP)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence: an artificially
synthesized primer se q uence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3593 TTGCTCAGGCTATCTCAAA 3612
DB 1 TTGCTCAGGCTATCTCAAA 20

RESULT 474
CQ784129 20 bp DNA linear PAT 17-MAR-2004
LOCUS CQ784129
DEFINITION Sequence 4269 from Patent EP1396543.
ACCESSION CQ784129

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VERSION      CQ784129.1 GI:45538617
KEYWORDS     .
SOURCE       synthetic construct
ORGANISM     synthetic construct
REFERENCE    1
AUTHORS      Ota,T., Nishikawa,T., Isogai,T., Hayaishi,K., Ishii,S., Kawai,Y.,
             Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
             Koga,H.
TITLE        Primers for synthesizing full length cDNA clones and their use
JOURNAL      Patent: EP 1396543-A 4269 10-MAR-2004;
             Research Association for Biotechnology (JP)
FEATURES     source
             1..20
             /organism="synthetic construct"
             /mol_type="unassigned DNA"
             /db_xref="taxon:32630"
             /note="Description of Artificial Sequence: an artificially
             synthesized primer sequence"

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3593 TTGCTCAGGCTATCTCAAA 3612
Db      1 TTGCCAGGCTAGTCTCGAA 20

RESULT 475
LOCUS      CQ826892          20 bp    DNA          linear    PAT 29-JUN-2004
DEFINITION Sequence 30 from Patent WO2004050881.
ACCESSION  CQ826892
VERSION     CQ826892.1 GI:49455579
KEYWORDS   .
SOURCE      Hordeum vulgare
ORGANISM    Hordeum vulgare
REFERENCE   1
AUTHORS      Jansson,C. and Sun,C.
TITLE        Transcription factor
JOURNAL      Patent: WO 2004050881-A 30 17-JUN-2004;
             Plant Bioscience Limited (GB)
FEATURES     source
             1..20
             /organism="Hordeum vulgare"
             /mol_type="unassigned DNA"
             /db_xref="taxon:4513"

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5397 AAATACAAAAAAGAAAAAT 5416
Db      1 AAATCTAAAAAAGAAAAAT 20

RESULT 476
LOCUS      E04579          20 bp    DNA          linear    PAT 29-SEP-1997
DEFINITION PCR primer to detect Bacillus cereus.
ACCESSION  E04579
VERSION     E04579.1 GI:2172780
KEYWORDS   .
SOURCE      JP 1991049696-A/4;
             synthetic construct
             artificial sequences.
REFERENCE   1 (bases 1 to 20)
AUTHORS      Ohashi,T., Jikuya,H. and Takano,J.

```

```

TITLE        OLIGONUCLEOTIDE FOR DETECTING BACTERIA AND METHOD FOR DETECTION
JOURNAL      USING THE SAME
PATENT       Patent: JP 1991049696-A 4 04-MAR-1991;
             SHIMADZU CORP
COMMENT      OS Artificial gene
             OC Artificial sequence; Genes.
             PN JP 1991049696-A/4
             PD 04-MAR-1991
             PI 18-JUL-1989 JP 1989185681
             PC OHASHI TETSUO, JIKUYA HIROYUKI, TAKANO JUN
             CC C12Q1/68,C12Q1/04;
             CC strandedness: Single;
             CC topology: linear.
FEATURES     source
             1..20
             /organism="synthetic construct"
             /mol_type="genomic DNA"
             /db_xref="taxon:32630"

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      64 TTCTGAAGCCCATTCCTG 83
Db      1 TTCTGTATGCCCTTCCCTG 20

RESULT 477
LOCUS      E12676/c          20 bp    DNA          linear    PAT 27-APR-1998
DEFINITION Anti-HTLV-1 antisense oligonucleotide.
ACCESSION  E12676
VERSION     E12676.1 GI:3251508
KEYWORDS   JP 197052898-A/10.
SOURCE      unidentified
ORGANISM    unidentified
REFERENCE   1 (bases 1 to 20)
AUTHORS      Mizuguchi,M., Kurosaki,N., Makino,K., Koyanagi,Y. and Yamamoto,N.
TITLE        ANTI-HTLV-1 ANTI-SENSE OLIGONUCLEOTIDE
JOURNAL      Patent: JP 1997052898-A 10 25-FEB-1997;
             SOYAKU GIYUTSU KENKYUSHO:KK
COMMENT      OS None
             OC Artificial sequences.
             PN JP 1997052898-A/10
             PD 25-FEB-1997
             PI 09-AUG-1995 JP 1995224606
             PI MIZUGUCHI MASATSUGU, KUROSAKI NAKO, MAKINO KEISUKE, PI
             KOYANAGI YOSHIO.
             PI YAMAMOTO NAOKI
             PC C07H21/04//A61K31/70;
             CC strandedness: Single;
             CC topology: linear;
             CC hypothetical: No;
             CC anti-sense: Yes;
             FH Key
             FT source
             FT 1..20
             /organism="Artificial sequences".
             /organism="unidentified"
             /mol_type="genomic DNA"
             /db_xref="taxon:32644"

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5393 AAAAATAACAAAAAAGAA 5412
Db      20 AAAAATAACAAAAAAGAA 1

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RESULT 478
E32534          20 bp      DNA      linear      PAT 18-JUN-2001
LOCUS           Scavenger receptor-like protein.
DEFINITION      E32534
ACCESSION       E32534
VERSION         E32534.1 GI:13026781
KEYWORDS        JP 1999123094-A/34.
SOURCE          synthetic construct
ORGANISM        artificial construct
REFERENCE       1 (bases 1 to 20)
AUTHORS        Yusuke,N. and Ryuji,T.
TITLE           Scavenger receptor-like protein
JOURNAL        Patent: JP 1999123094-A 34 11-MAY-1999;
COMMENT         JAPAN TOBACCO INC
OS             Artificial Sequence
PN             JP 1999123094-A/34
PD             11-MAY-1999
PF             30-JUL-1998 JP 1998230121
PR
PI             YUSUKE NAKAMURA, RYUJI TOKINO
PC             C12N15/09,C07K14/705,C07K16/28,C12N1/19,C12N5/10,C12P21/02, PC
C12P21/08//
PC             (C12N1/19,C12R1:645), (C12N5/10,C12R1:91), (C12P21/02,C12R1:645), PC
(C12P21/08,C12R1:91), (C12N15/00,C12N5/00), (C12N5/00,C12R1:91) CC
FH             Key           Location/Qualifiers
FT             source        1..20
                        /organism='Artificial Sequence'.
FEATURES
    source
        1..20
        /organism="synthetic construct"
        /mol_type="genomic DNA"
        /db_xref="taxon:32630"

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      568 CTGAAGAAGAGAGCTGAA 587
DB      1 CTGAACATGAGAGAGCTGAA 20

RESULT 479
I36180/c       20 bp      DNA      linear      PAT 13-MAY-1997
LOCUS           Sequence 16 from patent US 5605662.
DEFINITION      I36180
ACCESSION       I36180
VERSION         I36180.1 GI:2086693
KEYWORDS
SOURCE          Unknown.
ORGANISM        Unclassified.
REFERENCE       1 (bases 1 to 20)
AUTHORS        Heller,M.J. and Ty,E.
TITLE           Active programmable electronic devices for molecular biological
JOURNAL        analysis and diagnostics
PATENT: US 5605662-A 16 25-FEB-1997;
FEATURES        Location/Qualifiers
    source
        1..20
        /organism="unknown"
        /mol_type="unassigned DNA"

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATACAAAAAGAA 5412
DB      20 AAAAAAATACAAAAAGAA 1
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RESULT 480
AR211367/c     20 bp      DNA      linear      PAT 20-JUN-2002
LOCUS           Sequence 5 from patent US 6393305.
DEFINITION      AR211367
ACCESSION       AR211367
VERSION         AR211367.1 GI:21514670
KEYWORDS
SOURCE          Unknown.
ORGANISM        Unknown.
REFERENCE       1 (bases 1 to 20)
AUTHORS        Makino,Y., Abe,Y., Takagi,M., Takenaka,S., Yamashita,K. and
Ogawa,M.
TITLE           Protection of partial complementary nucleic acid fragment using a
JOURNAL        electroconductive chip and intercalator
PATENT: US 6393305-A 5 04-JUN-2002;
FEATURES        Location/Qualifiers
    source
        1..20
        /organism="unknown"
        /mol_type="unassigned DNA"

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATACAAAAAGAA 5412
DB      20 AAAAAAATACAAAAAGAA 1

RESULT 481
AR212113/c     20 bp      DNA      linear      PAT 20-JUN-2002
LOCUS           Sequence 80 from patent US 6393379.
DEFINITION      AR212113
ACCESSION       AR212113
VERSION         AR212113.1 GI:21515612
KEYWORDS
SOURCE          Unknown.
ORGANISM        Unknown.
REFERENCE       1 (bases 1 to 20)
AUTHORS        Baker,B.F. and Freier,S.M.
TITLE           Antisense modulation of interleukin 12 p35 subunit expression
JOURNAL        Patent: US 6393379-A 80 04-JUN-2002;
FEATURES        Location/Qualifiers
    source
        1..20
        /organism="unknown"
        /mol_type="unassigned DNA"

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2750 TGTGTGTGAAACAGACATG 2769
DB      20 TGTGTGTGAAACAGACATG 1

RESULT 482
AR212968/c     20 bp      DNA      linear      PAT 25-SEP-2002
LOCUS           Sequence 27 from patent US 6403307.
DEFINITION      AR212968
ACCESSION       AR212968
VERSION         AR212968.1 GI:23309853
KEYWORDS
SOURCE          Unknown.
ORGANISM        Unclassified.
REFERENCE       1 (bases 1 to 20)
AUTHORS        Stone,B.M., Sheffield,V.C., Alward,W.L.M. and Fingert,J.
TITLE           Glaucoma therapeutics and diagnostics
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JOURNAL Patent: US 6403307-A 27 11-JUN-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1960 GGGTCTCTGAGTCACGAC 1979
Db 20 GGGGACTCTGAGTTCACGAC 1

RESULT 483
AR213738 20 bp DNA linear PAT 25-SEP-2002
LOCUS Sequence 83 from patent US 6406704.
DEFINITION AR213738
ACCESSION AR213738
VERSION AR213738.1 GI:23311025
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Tan, P., Visser, E., Prestidge, R. and Watson, J.D.
TITLES Compounds and methods for treatment and diagnosis of mycobacterial infections
JOURNAL Patent: US 6406704-A 83 18-JUN-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 484
AR216079 20 bp DNA linear PAT 25-SEP-2002
LOCUS Sequence 126 from patent US 6410518.
DEFINITION AR216079
ACCESSION AR216079
VERSION AR216079.1 GI:23314367
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Monla, B.P.
TITLES Antisense oligonucleotide inhibition of raf gene expression
JOURNAL Patent: US 6410518-A 126 25-JUN-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5412 AAAAAAATTAAGAAATA 5431
Db 20 AAAAAAATTAAGAAACA 1

RESULT 485

AR222466 20 bp DNA linear PAT 26-SEP-2002
LOCUS Sequence 26 from patent US 6429300.
DEFINITION AR222466
ACCESSION AR222466
VERSION AR222466.1 GI:23329997
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Kurz, M., Lohse, P. and Wagner, R.
TITLES Peptide acceptor ligation methods
JOURNAL Patent: US 6429300-A 26 06-AUG-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 486
AR236083 20 bp DNA linear PAT 20-DEC-2002
LOCUS Sequence 1 from patent US 6462184.
DEFINITION AR236083
ACCESSION AR236083
VERSION AR236083.1 GI:27279782
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Mancharan, M. and Water, M.A.
TITLES Compounds, processes and intermediates for synthesis of mixed backbone oligomeric compounds
JOURNAL Patent: US 6462184-A 1 08-OCT-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 487
AR274394 20 bp DNA linear PAT 10-APR-2003
LOCUS Sequence 55 from patent US 6506564.
DEFINITION AR274394
ACCESSION AR274394
VERSION AR274394.1 GI:29706840
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storchoff, J.J., Elghannani, R. and Tacon, T.A.
TITLES Nanoparticles having oligonucleotides attached thereto and uses thereof
JOURNAL Patent: US 6506564-A 55 14-JAN-2003;
FEATURES Location/Qualifiers

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source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAAA 5412
|||||
1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 488
AR313765 AR313765 20 bp DNA linear PAT 12-JUN-2003
LOCUS Sequence 4302 from patent US 6559294.
ACCESSION AR313765
VERSION AR313765.1 GI:31707191
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Griffiths,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 4302 06-MAY-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2547 GGGCGCTGTTAGTGATGAGG 2566
|||||
1 GGGCGCTGTTAGTTATGAGG 20

RESULT 489
AR314996 AR314996 20 bp DNA linear PAT 12-JUN-2003
LOCUS Sequence 5533 from patent US 6559294.
ACCESSION AR314996
VERSION AR314996.1 GI:31708422
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Griffiths,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 5533 06-MAY-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2046 ATCAACAAAGAGCTCTGGG 2065
|||||
20 ACCAAACAAAGAGCTCAGG 1

RESULT 490
AR343047 AR343047 20 bp DNA linear PAT 17-AUG-2003
LOCUS Sequence 10 from patent US 6576752.
ACCESSION AR343047
VERSION AR343047.1 GI:33738375
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Manoharan,M., Lomberg,H., Salo,H. and Virta,P.
TITLE Aminoxy functionalized oligomers
JOURNAL Patent: US 6576752-A 10 10-JUN-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAAA 5412
|||||
20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 491
AR344936 AR344936 20 bp DNA linear PAT 17-AUG-2003
LOCUS Sequence 55 from patent US 6582921.
ACCESSION AR344936
VERSION AR344936.1 GI:33741017
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J.,
Elghanian,R. and Taton,T.A.
TITLE Nanoparticles having oligonucleotides attached thereto and uses thereof
JOURNAL Patent: US 6582921-A 55 24-JUN-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAAA 5412
|||||
1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 492
AR365970 AR365970 20 bp DNA linear PAT 12-SEP-2003
LOCUS Sequence 83 from patent US 6328978.
ACCESSION AR365970
VERSION AR365970.1 GI:34598223
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Watson,J.D., Tan,P.L.J. and Prestidge,R.
TITLE Methods for the treatment of immunologically-mediated skin disorders
JOURNAL Patent: US 6328978-A 83 11-DEC-2001;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"
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LOCUS AR343047 20 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 10 from patent US 6576752.
ACCESSION AR343047
VERSION AR343047.1 GI:33738375
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Manoharan,M., Lomberg,H., Salo,H. and Virta,P.
TITLE Aminoxy functionalized oligomers
JOURNAL Patent: US 6576752-A 10 10-JUN-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAAA 5412
|||||
20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 491
AR344936 AR344936 20 bp DNA linear PAT 17-AUG-2003
LOCUS Sequence 55 from patent US 6582921.
ACCESSION AR344936
VERSION AR344936.1 GI:33741017
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J.,
Elghanian,R. and Taton,T.A.
TITLE Nanoparticles having oligonucleotides attached thereto and uses thereof
JOURNAL Patent: US 6582921-A 55 24-JUN-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAAA 5412
|||||
1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 492
AR365970 AR365970 20 bp DNA linear PAT 12-SEP-2003
LOCUS Sequence 83 from patent US 6328978.
ACCESSION AR365970
VERSION AR365970.1 GI:34598223
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Watson,J.D., Tan,P.L.J. and Prestidge,R.
TITLE Methods for the treatment of immunologically-mediated skin disorders
JOURNAL Patent: US 6328978-A 83 11-DEC-2001;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATCAAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 493
AR382312 AR382312 20 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 55 from patent US 6610491.
ACCESSION AR382312
VERSION AR382312.1 GI:40090724
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J.,
Elghanian,R. and Taton,T.A.
TITLE Nanoparticles having oligonucleotides attached thereto and uses
therefor.
JOURNAL Patent: US 6610491-A 55 26-AUG-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATCAAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 494
AR397487 AR397487 20 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 90 from patent US 6617162.
ACCESSION AR397487
VERSION AR397487.1 GI:40134360
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Dobie,K.W. and Roach,M.P.
TITLE Antisense modulation of estrogen receptor alpha expression
JOURNAL Patent: US 6617162-A 90 09-SEP-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3639 AATTGCTGAGATTCAGACG 3658
Db      1 AACTGCTGAGATTACAGATG 20

RESULT 495
AR429653 AR429653 20 bp DNA linear PAT 18-DEC-2003
LOCUS
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DEFINITION Sequence 55 from patent US 6645721.
ACCESSION AR429653
VERSION AR429653.1 GI:40189949
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J.,
Elghanian,R. and Taton,T.A.
TITLE Nanoparticles having oligonucleotides attached thereto and uses
therefor.
JOURNAL Patent: US 6645721-A 55 11-NOV-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATCAAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 496
AR442609 AR442609 20 bp DNA linear PAT 20-FEB-2004
LOCUS AR442609/c
DEFINITION Sequence 217 from patent US 6670130.
ACCESSION AR442609
VERSION AR442609.1 GI:42669866
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Kim,C.M., Park,H.K. and Jang,H.J.
TITLE Oligonucleotide for detection and identification of Mycobacteria
JOURNAL Patent: US 6670130-A 217 30-DEC-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1036 GAGTCACCGACGCCGCCAC 1055
Db      20 GAGTCACCGACTCCACAC 1

RESULT 497
AR447441 AR447441 20 bp DNA linear PAT 20-FEB-2004
LOCUS AR447441
DEFINITION Sequence 55 from patent US 6673548.
ACCESSION AR447441
VERSION AR447441.1 GI:42675765
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J.,
Elghanian,R. and Taton,T.A.
TITLE Nanoparticles having oligonucleotides attached thereto and uses
therefor.
JOURNAL Patent: US 6673548-A 55 06-JAN-2004;
FEATURES Location/Qualifiers
source 1..20
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/organism="unknown"
/mol_type="genomic DNA"

Query Match
  0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 498
AR451990 AR451990 20 bp DNA linear PAT 20-FEB-2004
LOCUS Sequence 55 from patent US 6677122.
DEFINITION AR451990
ACCESSION AR451990
VERSION AR451990.1 GI:42683297
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 20)
  Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,
  Elghanian,R. and Taton,T.A.
  Nanoparticles having oligonucleotides attached thereto and uses
  therefor
  Patent: US 6677122-A 55 13-JAN-2004;
  Location/Qualifiers
    1..20
    /organism="unknown"
    /mol_type="genomic DNA"

Query Match
  0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 499
AR454776 AR454776 20 bp DNA linear PAT 20-FEB-2004
LOCUS Sequence 55 from patent US 6682895.
DEFINITION AR454776
ACCESSION AR454776
VERSION AR454776.1 GI:42688297
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 20)
  Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,
  Elghanian,R. and Taton,T.A.
  Nanoparticles having oligonucleotides attached thereto and uses
  therefor
  Patent: US 6682895-A 55 27-JAN-2004;
  Location/Qualifiers
    1..20
    /organism="unknown"
    /mol_type="genomic DNA"

Query Match
  0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 500
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AR489044 AR489044 20 bp DNA linear PAT 15-MAY-2004
LOCUS Sequence 55 from patent US 6709825.
DEFINITION AR489044
ACCESSION AR489044
VERSION AR489044.1 GI:47255475
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 20)
  Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,
  Elghanian,R. and Taton,T.A.
  Nanoparticles having oligonucleotides attached thereto and uses
  therefor
  Patent: US 6709825-A 55 23-MAR-2004;
  Location/Qualifiers
    1..20
    /organism="unknown"
    /mol_type="genomic DNA"

Query Match
  0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 501
AR492696 AR492696 20 bp DNA linear PAT 15-MAY-2004
LOCUS Sequence 66 from patent US 6716975.
DEFINITION AR492696
ACCESSION AR492696
VERSION AR492696.1 GI:47262210
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 20)
  Wyatt,J.
  Antisense modulation of EDG1 expression
  Patent: US 6716975-A 66 06-APR-2004;
  Location/Qualifiers
    1..20
    /organism="unknown"
    /mol_type="genomic DNA"

Query Match
  0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2217 ACCCGAGCTCAGAGACTCT 2236
Db 1 ACCCGAGCTCAGATACTCT 20

RESULT 502
AR492729 AR492729 20 bp DNA linear PAT 15-MAY-2004
LOCUS Sequence 99 from patent US 6716975.
DEFINITION AR492729
ACCESSION AR492729
VERSION AR492729.1 GI:47262243
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 20)
  Wyatt,J.
  Antisense modulation of EDG1 expression
  Patent: US 6716975-A 99 06-APR-2004;
  Location/Qualifiers
    1..20
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/organism="unknown"
/mol_type="genomic DNA"

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2217 ACCCCAGCTCAGACCTCT 2236
DB      20 ACCCCAGCTCTGATTACTCT 1

RESULT 503
LOCUS      AR494116      20 bp      DNA      linear      PAT 15-MAY-2004
DEFINITION      Sequence 55 from patent US 6720147.
ACCESSION      AR494116
VERSION      AR494116.1 GI:47266895
KEYWORDS
SOURCE      Unknown.
ORGANISM      Unclassified.
REFERENCE      1 (bases 1 to 20)
AUTHORS      Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J.,
              Elghanian,R. and Taton,T.A.
              Nanoparticles having oligonucleotides attached thereto and uses
              thereof
              Patent: US 6720147-A 55 13-APR-2004;
              Location/Qualifiers
                1..20
                  /organism="unknown"
                  /mol_type="genomic DNA"

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAATAATCAAAAAGAA 5412
DB      1 AAAAATAATCAAAAAGAA 20

RESULT 504
LOCUS      AR494728      20 bp      DNA      linear      PAT 15-MAY-2004
DEFINITION      Sequence 55 from patent US 6720411.
ACCESSION      AR494728
VERSION      AR494728.1 GI:47269581
KEYWORDS
SOURCE      Unknown.
ORGANISM      Unclassified.
REFERENCE      1 (bases 1 to 20)
AUTHORS      Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J.,
              Elghanian,R. and Taton,T.A.
              Nanoparticles having oligonucleotides attached thereto and uses
              thereof
              Patent: US 6720411-A 55 13-APR-2004;
              Location/Qualifiers
                1..20
                  /organism="unknown"
                  /mol_type="genomic DNA"

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAATAATCAAAAAGAA 5412
DB      1 AAAAATAATCAAAAAGAA 20

RESULT 505
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AX004876/c
LOCUS      AX004876      20 bp      DNA      linear      PAT 24-AUG-2000
DEFINITION      Sequence 5 from Patent WO9910527.
ACCESSION      AX004876
VERSION      AX004876.1 GI:9928276
KEYWORDS
SOURCE      synthetic construct
ORGANISM      artificial sequences.
REFERENCE      1
AUTHORS      Bayer,E. and Schewitz,J.
              Method for isolating anionic organic substances from aqueous
              systems using cationic polymer nanoparticles
              Patent: WO 9910527-A 5 04-MAR-1999;
              SUBDEUTSCHE KALKSTICKSTOFF (DE); BAYER ERNST (DE)
              Location/Qualifiers
                1..20
                  /organism="synthetic construct"
                  /mol_type="unassigned DNA"
                  /db_xref="taxon:32630"
                  /note="phosphorothioate oligonucleotide"

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAATAATCAAAAAGAA 5412
DB      20 AAAAATAATCAAAAAGAA 1

RESULT 506
LOCUS      AX026213/c      20 bp      DNA      linear      PAT 16-SEP-2000
DEFINITION      Sequence 6 from Patent WO0037607.
ACCESSION      AX026213
VERSION      AX026213.1 GI:10187623
KEYWORDS
SOURCE      synthetic construct
ORGANISM      synthetic construct
              artificial sequences.
REFERENCE      1
AUTHORS      Groe,J., Stroberg,A.D. and Gerhardt,C.
              Method for producing adipocytes from non-differentiated fibroblasts
              and use of regulating adipocytes
              Patent: WO 0037607-A 6 29-JUN-2000;
              GROS JEROME (FR); CENTRE NAT RECH SCIENT (FR); STROBERG ARTHUR
              DONNY (FR); GERHARDT CINDERELLA (NL)
              Location/Qualifiers
                1..20
                  /organism="synthetic construct"
                  /mol_type="unassigned DNA"
                  /db_xref="taxon:32630"
                  /note="amorce"

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1262 GCCTACAGCCCAACACAC 1281
DB      20 GCCTACAGCTTCACACACAC 1

RESULT 507
LOCUS      AX045779/c      20 bp      DNA      linear      PAT 24-NOV-2000
DEFINITION      Sequence 9 from Patent WO0067023.
ACCESSION      AX045779
VERSION      AX045779.1 GI:11344146
KEYWORDS
SOURCE      synthetic construct
ORGANISM      synthetic construct
```

artificial sequences.

REFERENCE 1
AUTHORS Noll,B.O., Schetter,C. and Krieg,A.M.
TITLE Screening for immunostimulatory dna functional modifiers
JOURNAL Patent: WO 0067023-A 9 09-NOV-2000 ;
CPG Immunopharmaceuticals GmbH (DE) ; UNIVERSITY OF IOWA RESEARCH
FOUNDATION (US)

FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic oligonucleotide"
misc_feature 1
/note="modified with digoxigenin"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 508
AX045787/c 20 bp DNA linear PAT 24-NOV-2000
LOCUS Sequence 17 from Patent WO0067023.
DEFINITION AX045787
ACCESSION AX045787
VERSION AX045787.1 GI:11344154
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Noll,B.O., Schetter,C. and Krieg,A.M.
TITLE Screening for immunostimulatory dna functional modifiers
JOURNAL Patent: WO 0067023-A 17 09-NOV-2000 ;
CPG Immunopharmaceuticals GmbH (DE) ; UNIVERSITY OF IOWA RESEARCH
FOUNDATION (US)

FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic oligonucleotide"
misc_feature 1
/note="phosphorothioate backbone"
misc_feature 1
/note="modified with digoxigenin"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 509
AX045790/c 20 bp DNA linear PAT 24-NOV-2000
LOCUS Sequence 20 from Patent WO0067023.
DEFINITION AX045790
ACCESSION AX045790
VERSION AX045790.1 GI:11344157
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Noll,B.O., Schetter,C. and Krieg,A.M.

TITLE Screening for immunostimulatory dna functional modifiers
JOURNAL Patent: WO 0067023-A 20 09-NOV-2000 ;
CPG Immunopharmaceuticals GmbH (DE) ; UNIVERSITY OF IOWA RESEARCH
FOUNDATION (US)

FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic oligonucleotide"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 510
AX104034/c 20 bp DNA linear PAT 30-APR-2001
LOCUS Sequence 226 from Patent WO0122972.
DEFINITION AX104034
ACCESSION AX104034
VERSION AX104034.1 GI:13920231
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 226 05-APR-2001 ;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)

FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 511
AX104364/c 20 bp DNA linear PAT 30-APR-2001
LOCUS Sequence 556 from Patent WO0122972.
DEFINITION AX104364
ACCESSION AX104364
VERSION AX104364.1 GI:13920561
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 556 05-APR-2001 ;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)

FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

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Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No.5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAA 5412
| | | | | | | | | | | | | | | | | |
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 512
LOCUS AX104368 20 bp DNA linear PAT 30-APR-2001
DEFINITION Sequence 560 from Patent WO0122972.
ACCESSION AX104368
VERSION AX104368.1 GI:13920565
KEYWORDS
SOURCE . synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Kriegl,A.M., Schetter,C. and Vollmer,J.C.
AUTHORS Immunostimulatory nucleic acids
TITLE Patent: WO 0122972-A 560 05-APR-2001;
JOURNAL UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
FEATURES
source 1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No.5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAA 5412
| | | | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 513
LOCUS AX104580 20 bp DNA linear PAT 30-APR-2001
DEFINITION Sequence 772 from Patent WO0122972.
ACCESSION AX104580
VERSION AX104580.1 GI:13920777
KEYWORDS
SOURCE . synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Kriegl,A.M., Schetter,C. and Vollmer,J.C.
AUTHORS Immunostimulatory nucleic acids
TITLE Patent: WO 0122972-A 772 05-APR-2001;
JOURNAL UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
FEATURES
source 1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No.5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5129 AGGAATAGGAGGAGCATGGA 5148
| | | | | | | | | | | | | | | | | |
Db 20 AGGATGAGGAGCATGGA 1

RESULT 514
AX115662 20 bp DNA linear PAT 11-MAY-2001
DEFINITION Sequence 785 from Patent WO0129262.
ACCESSION AX115662
VERSION AX115662.1 GI:14032604
KEYWORDS
SOURCE . synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Picoult-Newburg,L. and Pohl,M.
AUTHORS Genotyping reagents, kits and methods of use thereof
TITLE Patent: WO 0129262-A 785 26-APR-2001;
JOURNAL Orchid Biosciences, Inc. (US)
FEATURES
source 1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No.5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 284 AGCTGACTCTTCAGTGTC 303
| | | | | | | | | | | | | | | | | |
Db 1 AGCTGCTTCTTGCTGTGTC 20

RESULT 515
LOCUS AX135957 20 bp DNA linear PAT 29-MAY-2001
DEFINITION Sequence 9 from Patent WO0132693.
ACCESSION AX135957
VERSION AX135957.1 GI:14272164
KEYWORDS
SOURCE . synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Prawitt,D., Pelletier,J. and Zabel,B.
AUTHORS Trp-protein-related mtrI protein and dna sequence coding therefor
TITLE Patent: WO 0132693-A 9 10-MAY-2001;
JOURNAL Johannes Gutenberg-Universitaet Mainz (DE)
FEATURES
source 1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No.5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4585 GTCTTGACAACTGCATCG 4604
| | | | | | | | | | | | | | | | | |
Db 20 GCCTTGACATCCTGCATCG 1

RESULT 516
LOCUS AX136903 20 bp DNA linear PAT 30-MAY-2001
DEFINITION Sequence 5 from Patent EP1065278.
ACCESSION AX136903
VERSION AX136903.1 GI:14273252
KEYWORDS
SOURCE . synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Makino,Y., Abe,Y., Ogawa,M., Takagi,M., Takenaka,S. and
Yamashita,K.
```

TITLE Detection of partly complementary nucleic acid fragment
JOURNAL Patent: EP 1065278-A 5 03-JAN-2001;
FUJI PHOTO FILM CO., LTD. (JP)
FEATURES Location/Qualifiers
Source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="sample nucleic acid fragment"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAA 5412
|||||
20 AAAAAAAAAAAAAAAAAA 1

RESULT 517
AX167868 20 bp DNA linear PAT 03-JUL-2001
LOCUS AX167868
DEFINITION Sequence 52 from Patent WO0142307.
ACCESSION AX167868
VERSION AX167868.1 GI:14597188
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Saito,K., Ohe,N. and Satoh,H.
TITLE Mutant er_g(a) and test systems for transactivation
JOURNAL Patent: WO 0142307-A 52 14-JUN-2001;
Sumitomo Chemical Company, Limited (JP)
FEATURES Location/Qualifiers
Source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Designed oligonucleotide primer for PCR"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2320 ATCATCTCCACCTCTTGAA 2339
|||||
1 ATCAGTCCACCTTCTGAA 20

RESULT 518
AX196224 20 bp DNA linear PAT 28-AUG-2001
LOCUS AX196224
DEFINITION Sequence 55 from Patent WO0151665.
ACCESSION AX196224
VERSION AX196224.1 GI:15386427
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J.,
Elghanian,R., Taton,T.A. and Li,Z.
TITLE Nanoparticles having oligonucleotides attached thereto and uses
JOURNAL Patent: WO 0151665-A 55 19-JUL-2001;
Nanosphere, Inc. (US)
FEATURES Location/Qualifiers
Source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="random synthetic sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAA 5412
|||||
1 AAAAAAAAAAAAAAAAAA 20

RESULT 519
AX196239 20 bp DNA linear PAT 28-AUG-2001
LOCUS AX196239
DEFINITION Sequence 70 from Patent WO0151665.
ACCESSION AX196239
VERSION AX196239.1 GI:15386442
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J.,
Elghanian,R., Taton,T.A. and Li,Z.
TITLE Nanoparticles having oligonucleotides attached thereto and uses
JOURNAL Patent: WO 0151665-A 70 19-JUL-2001;
Nanosphere, Inc. (US)
FEATURES Location/Qualifiers
Source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="random synthetic sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAA 5412
|||||
1 AAAAAAAAAAAAAAAAAA 20

RESULT 520
AX296080 20 bp DNA linear PAT 21-NOV-2001
LOCUS AX296080/c
DEFINITION Sequence 7642 from Patent WO0179548.
ACCESSION AX296080
VERSION AX296080.1 GI:17057769
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Barany,F., Zivvi,M., Gerry,N.P., Favis,R. and Kliman,R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL sequence differences using ligase detection reaction
Patent: WO 0179548-A 7642 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
FEATURES Location/Qualifiers
Source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3392 GGCTGACGACGACACTCG 3411
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20 GGCTGTCGACGACAGGCTG 1

JOURNAL Patent: WO 0173123-A 55 04-OCT-2001;
Nanosphere, Inc. (US)
FEATURES Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="random synthetic sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAA 5412
|||||
Db 1 AAAAAAAAAAAAAAAAAAAAA 20

RESULT 526
AX440140 20 bp DNA linear PAT 28-JUN-2002
LOCUS Sequence 70 from Patent W00173123.
ACCESSION AX440140
VERSION AX440140.1 GI:21664951
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
Nanosphere, Inc. (US)

FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="random synthetic sequence"

1
Mirtin, C.A., Letsinger, R.L., Mucic, R.C., Storchoff, J.J.,
Elghanian, R., Taton, T.A., Park, S.J., and Li, Z.,
Nanoparticles having oligonucleotides attached thereto and uses
therefor
Patent: WO 0173123-A 70 04-OCT-2001;
Nanosphere, Inc. (US)

FEATURES Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="random synthetic sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAA 5412
|||||
Db 1 AAAAAAAAAAAAAAAAAAAAA 20

RESULT 527
AX465311 20 bp DNA linear PAT 16-JUL-2002
LOCUS Sequence 55 from Patent W00218643.
ACCESSION AX465311
VERSION AX465311.1 GI:21899674
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
Nanosphere, Inc. (US)

FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

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Mirtin, C.A., Letsinger, R.L., Mucic, R.C., Storchoff, J.J.,
Elghanian, R., Taton, T.A., Garimella, V., Li, Z., and Park, S.J.,
Nanoparticles having oligonucleotides attached thereto and uses
therefor
Patent: WO 0218643-A 55 07-MAR-2002;
Nanosphere, Inc. (US)

FEATURES Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

/note="random synthetic sequence"
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAA 5412
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Db 1 AAAAAAAAAAAAAAAAAAAAA 20

RESULT 528
AX465326 20 bp DNA linear PAT 16-JUL-2002
LOCUS Sequence 70 from Patent W00218643.
ACCESSION AX465326
VERSION AX465326.1 GI:21899689
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
Nanosphere, Inc. (US)

FEATURES Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="random synthetic sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAA 5412
|||||
Db 1 AAAAAAAAAAAAAAAAAAAAA 20

RESULT 529
AX487450 20 bp DNA linear PAT 16-AUG-2002
LOCUS Sequence 4750 from Patent W002053728.
ACCESSION AX487450
VERSION AX487450.1 GI:22321598
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
Elittra Pharmaceuticals, Inc. (US)

FEATURES Location/Qualifiers
source 1..20
/organism="Candida albicans"
/mol_type="unassigned DNA"
/db_xref="taxon:5476"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5070 TCATCTGTCGTCACACAG 5089
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Db 1 TCTCTGTCGTCACATTCAG 20

RESULT 530
AX512820
LOCUS AX512820 20 bp DNA linear PAT 03-OCT-2002
DEFINITION Sequence 18 from Patent EP1233073.
ACCESSION AX512820
VERSION AX512820.1 GI:23504006
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 Yokoyama, A. and Ishiguro, T.
Oligonucleotide for detecting salmonella and method of detecting
TITLE
AUTHORS
JOURNAL
Tosoh Corporation (JP)
LOCATION/Qualifiers
1.20
FEATURES
source
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide capable of binding specifically to
Salmonella toxin gene stn mRNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2122 ATGAAGCGAGAGAGAAACT 2141
Db 1 ATGAAGCGTAAAGAAAGCT 20

RESULT 531
AX527802/c
LOCUS AX527802 20 bp DNA linear PAT 21-NOV-2002
DEFINITION Sequence 56 from Patent WO0230974.
ACCESSION AX527802
VERSION AX527802.1 GI:25172306
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
Grosse, W.M., Alsobrook, J.P., Lopley, D.M., Burgess, C.E., Mishra, V.,
Kekuda, R., Li, L., Padigaru, M., Shinkets, R.A., Zernusen, B.D.,
Spytek, K.A., Edinger, S., Gerlach, V., Macdougall, J., Stone, D.,
Gunther, B. and Ellerman, K.
TITLE
JOURNAL
Proteins and nucleic acids encoding same
Patent: WO 0230974-A 56 18-APR-2002;
Curegen Corporation (US)
LOCATION/Qualifiers
1.20
FEATURES
source
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide primer"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4816 ATCAACACGACCCCTTGACC 4835
Db 20 ATGAAGAAACAGCCCTTGACC 1

RESULT 532
AX547087/c
LOCUS AX547087 20 bp DNA linear PAT 01-MAR-2003
DEFINITION Sequence 226 from Patent WO02053141.

ACCESSION AX547087
VERSION AX547087.1 GI:25812231
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
JOURNAL
Bratzler, R.L.
TITLE
Inhibition of angiogenesis by nucleic acids
Patent: WO 02053141-A 226 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
LOCATION/Qualifiers
1.20
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/organism="synthetic construct"
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/note="Synthetic Sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5412
Db 20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 533
AX547417/c
LOCUS AX547417 20 bp DNA linear PAT 01-MAR-2003
DEFINITION Sequence 556 from Patent WO02053141.
ACCESSION AX547417
VERSION AX547417.1 GI:25812561
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
JOURNAL
Bratzler, R.L.
TITLE
Inhibition of angiogenesis by nucleic acids
Patent: WO 02053141-A 556 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
LOCATION/Qualifiers
1.20
FEATURES
source
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5412
Db 20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 534
AX547421
LOCUS AX547421 20 bp DNA linear PAT 01-MAR-2003
DEFINITION Sequence 560 from Patent WO02053141.
ACCESSION AX547421
VERSION AX547421.1 GI:25812565
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
JOURNAL
Bratzler, R.L.
TITLE
Inhibition of angiogenesis by nucleic acids
Patent: WO 02053141-A 560 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)

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source
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Query Match
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Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAA 5412
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1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 535
AX547633/c
LOCUS AX547633 20 bp DNA linear PAT 01-MAR-2003
DEFINITION Sequence 772 from Patent WO02053141.
ACCESSION AX547633
VERSION AX547633.1 GI:25812777
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
1 Bratzler,R.L.
AUTHORS Inhibition of angiogenesis by nucleic acids
TITLE Patent: WO 02053141-A 772 11-JUL-2002;
JOURNAL Coley Pharmaceutical Group, Inc. (US)
FEATURES
source
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            /note="Synthetic Sequence"

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Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5129 AGGAATGAGGAGCATGGA 5148
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20 AGGATCAGGAGCGACATGGA 1

RESULT 536
AX556124
LOCUS AX556124 20 bp DNA linear PAT 27-NOV-2002
DEFINITION Sequence 55 from Patent WO0246472.
ACCESSION AX556124
VERSION AX556124.1 GI:25899506
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
1
AUTHORS Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J.,
TITLE Elghanian,R., Taton,T.A., Garimella,V., Li,Z. and Park,S.J.
JOURNAL Nanoparticles having oligonucleotides attached thereto and uses
therefor
PATENT: WO 0246472-A 55 13-JUN-2002;
JOURNAL Nanosphere, Inc. (US)
FEATURES
source
    Location/Qualifiers
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Query Match
    0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
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Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAA 5412
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1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 537
AX556139
LOCUS AX556139 20 bp DNA linear PAT 27-NOV-2002
DEFINITION Sequence 70 from Patent WO0246472.
ACCESSION AX556139
VERSION AX556139.1 GI:25899521
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
1
AUTHORS Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J.,
TITLE Elghanian,R., Taton,T.A., Garimella,V., Li,Z. and Park,S.J.
JOURNAL Nanoparticles having oligonucleotides attached thereto and uses
therefor
PATENT: WO 0246472-A 70 13-JUN-2002;
JOURNAL Nanosphere, Inc. (US)
FEATURES
source
    Location/Qualifiers
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            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="random synthetic sequence"

Query Match
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Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAA 5412
||||| ||||| ||||| ||||| |||||
1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 538
AX557099/c
LOCUS AX557099 20 bp DNA linear PAT 27-NOV-2002
DEFINITION Sequence 15 from Patent WO02059278.
ACCESSION AX557099
VERSION AX557099.1 GI:25900152
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE
1
AUTHORS Lumelsky,N.L., Blondel,O., mc Kay,R.D. and Kim,J.H.
TITLE Differentiation of stem cells to pancreatic endocrine cells
JOURNAL Patent: WO 02059278-A 15 01-AUG-2002;
JOURNAL THE DEPARTMENT OF HEALTH & HUMAN SERVICES (US)
FEATURES
source
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            /note="Cardoxypeptidase A"

Query Match
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Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2523 GGCATCAACACACGTTTC 2542
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20 GGCATCAACACACATTTGC 1

RESULT 539
AX613434
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LOCUS AX613434 20 bp DNA PAT 17-FEB-2003
DEFINITION Sequence 4459 from Patent WO02072882.
ACCESSION AX613434
VERSION AX613434.1 GI:28408863
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Cullen, P. and Seedorf, U.
AUTHORS Coronary chip
TITLE Patent: WO 02072882-A 4459 19-SEP-2002;
JOURNAL OGHAM GmbH (DE)
FEATURES
source Location/Qualifiers
1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 0.3%; Score 15.2; DB 1; Length 20;
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Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAATACAAAAAGAAA 5412
Db 1 AAAAAATACAAAAAGAAA 20
RESULT 540
LOCUS AX664307 20 bp DNA PAT 22-MAR-2003
DEFINITION Sequence 5 from Patent WO0246398.
ACCESSION AX664307
VERSION AX664307.1 GI:29164237
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Willson, R.C. and Murphy, J.C.
AUTHORS Nucleic acid separation using immobilized metal affinity
TITLE chromatography
JOURNAL Patent: WO 0246398-A 5 13-JUN-2002;
The University of Houston System (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Oligonucleotide Sequence"
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAATACAAAAAGAAA 5412
Db 1 AAAAAATACAAAAAGAAA 20
RESULT 541
LOCUS AX664308 20 bp DNA PAT 22-MAR-2003
DEFINITION Sequence 6 from Patent WO0246398.
ACCESSION AX664308
VERSION AX664308.1 GI:29164238
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Willson, R.C. and Murphy, J.C.
AUTHORS

TITLE Nucleic acid separation using immobilized metal affinity
JOURNAL chromatography
The University of Houston System (US)
FEATURES
source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Oligonucleotide Sequence"
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAATACAAAAAGAAA 5412
Db 20 AAAAAATACAAAAAGAAA 1
RESULT 542
LOCUS AX741040 20 bp DNA PAT 10-MAY-2003
DEFINITION Sequence 14 from Patent WO03027328.
ACCESSION AX741040
VERSION AX741040.1 GI:30523901
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Kirszen, N.V., Hyldig-Nielsen, J. and Williams, B.F.
AUTHORS Methods, kits and compositions pertaining to the suppression of
TITLE detectable probe binding to randomly distributed repeat sequences
JOURNAL in genomic nucleic acid
Patent: WO 03027328-A 14 03-APR-2003;
Boston Probes, Inc. (US) ; DakoCytomation Denmark A/S (DK)
FEATURES
source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Description of Combined DNA/RNA molecule:Synthetic
Oligomer Sequence-Synthetic Probe Sequence"
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Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAATACAAAAAGAAA 5412
Db 20 AAAAAATACAAAAAGAAA 1
RESULT 543
LOCUS AX741052 20 bp DNA PAT 10-MAY-2003
DEFINITION Sequence 26 from Patent WO03027328.
ACCESSION AX741052
VERSION AX741052.1 GI:30523913
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Kirszen, N.V., Hyldig-Nielsen, J. and Williams, B.F.
AUTHORS Methods, kits and compositions pertaining to the suppression of
TITLE detectable probe binding to randomly distributed repeat sequences
JOURNAL in genomic nucleic acid
Patent: WO 03027328-A 26 03-APR-2003;
Boston Probes, Inc. (US) ; DakoCytomation Denmark A/S (DK)
FEATURES
source Location/Qualifiers
1..20

/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Description of Combined DNA/RNA Molecule:Synthetic
Oligomer Sequence-Synthetic Probe Sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAAA 5412
DB 1 AAAAAAAAAAAAAAAAAA 20

RESULT 544
LOCUS AX812131/c 20 bp DNA linear PAT 02-DEC-2003
DEFINITION Sequence 19 from Patent WO03062405.
ACCESSION AX812131
VERSION AX812131.1 GI:38635767
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Inoue,K., Kim,D., Gu,Y. and Ishii,M.
TITLE Method for inducing differentiation of embryonic stem cells into
JOURNAL Patent: WO 03062405-A 19 31-JUN-2003;
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide Primer"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2523 GGCATCAACCAACGTTCC 2542
DB 20 GGCATCAACCAACATTTGC 1

RESULT 545
LOCUS BD008523 20 bp DNA linear PAT 31-JAN-2002
DEFINITION Compounds and methods for treatment and diagnosis of Mycobacterial
ACCESSION BD008523
VERSION BD008523.1 GI:18636896
KEYWORDS JP 2001503969-A/26.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Tan,P., HiYama,J., Visser,E.S., Skinner,M.A., Scott,L.M. and
TITLE Tan,P., HiYama,J., Visser,E.S., Skinner,M.A., Scott,L.M. and
JOURNAL Compounds and methods for treatment and diagnosis of Mycobacterial
COMMENT Patent: JP 2001503969-A 26 27-MAR-2001;
GENESIS RESEARCH & DEVELOPMENT CO LTD
OS unidentified
PN JP 2001503969-A/26
PD 27-MAR-2001
PF 28-AUG-1997 JP 1998511516
PR
PI PATI, TAN, JUN HIYAMA, ELIZABETH S VISSER, MARGOT A SKINNER, PI
LINDA M SCOTT,
FI ROSS L PRESTIDGE

PC A61K39/04,A61K35/74,C07K14/35,C12N15/63
CC Strandedness: Single;
CC Topology: Linear;
FH Key Location/Qualifiers
FT source 1..20
FT /organism='unidentified'.

location/Qualifiers
1..20
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/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAAA 5412
DB 1 AAAAAAAAAAAAAAAAAA 20

RESULT 546
LOCUS BD080522/c 20 bp RNA linear PAT 27-AUG-2002
DEFINITION Ribonucleoside-derivative and method for preparing the same.
ACCESSION BD080522
VERSION BD080522.1 GI:22626125
KEYWORDS JP 2001515087-A/1.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Pitsch,S., Weiss,P.A. and Jenny,L.
TITLE Ribonucleoside-derivative and method for preparing the same
JOURNAL Patent: JP 2001515087-A 1 18-SEP-2001;
STERAN PITSCH, PATRICK A WEISS, LUZI JENNY
OS Artificial Sequence
PN JP 2001515087-A/1
PD 18-SEP-2001
PR 17-AUG-1998 JP 2000509723
PR 18-AUG-1997 CH 1931/97
PI STERNAN PITSCH, PATRICK A WEISS, LUZI JENNY
PC C07H19/06,C07F7/18,C07H19/16,C07H21/02,C07H23/00 CC
Description of Artificial Sequence:Synthetic polynucleotide FH
Key Location/Qualifiers
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FT /organism='Artificial Sequence'.

location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAAA 5412
DB 20 AAAAAAAAAAAAAAAAAA 1

RESULT 547
LOCUS BD107450/c 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Method of detecting single base polymorphism.
ACCESSION BD107450
VERSION BD107450.1 GI:23202268
KEYWORDS JP 2002034599-A/9.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)

AUTHORS Segawa,M., Takarada,H., Aono,T. and Yoshiga,S.
TITLE Method of detecting single base polymorphism
JOURNAL Patent: JP 2002034599-A 9 05-FEB-2002;
TOYOBO CO LTD
COMMENT OS Artificial Sequence
PN JP 2002034599-A/9
PD 05-FEB-2002
PF 26-JUN-2000 JP 2000225354
PI MAHAYA SEGAWA,HIROSHI TAKARADA,TOSHIYA AONO,SATOKO YOSHIGA PC
C1201/68,C12N15/09,C12N15/00
CC Description of Artificial Sequence:primer
FH Key Location/Qualifiers
FT source 1..20
Location/Qualifiers
1..20
/organism='Artificial Sequence'.
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/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 548
BD128052
LOCUS 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Primer for synthesizing full-length cDNA and use thereof.
ACCESSION BD128052
VERSION BD128052.1 GI:23222997
KEYWORDS JP 2002017375-A/3483.
SOURCE unidentified
ORGANISM unidentified
1 (bases 1 to 20)
Oca,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y.,
Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
Koga,H.
TITLE Primer for synthesizing full-length cDNA and use thereof
JOURNAL Patent: JP 2002017375-A 3483 22-JAN-2002;
COMMENT OS Unidentified
PN JP 2002017375-A/3483
PD 22-JAN-2002
PF 07-JUN-2000 JP 2000253172
PI TOSHIO OTA,TETSUO NISHIKAWA,TAKAO ISOGAI,KOJI HAYASHI,SHIZUKO
PI ISHII,
PI YURI KAWAI,AI WAKAMATSU,TOMOYASU SUGIYAMA,KEIICHI NAGAI, PI
SHINICHI KOJIMA,
PI TETSUJI OTSUKI,HISASHI KOGA
PC C12N15/09,C07K14/47,C07K16/18,C12N1/15,C12N1/19,C12N1/21,C12N5/ PC
10,
PC C12P21/02,C12Q1/68//C12P21/08,G06F17/30,C12N15/00,C12N5/00 CC
Description of Artificial Sequence: an artificially CC
synthesized primer
CC sequence
FH Key Location/Qualifiers
FT source 1..20
Location/Qualifiers
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/organism='Unidentified'.
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Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3593 TTGCTCAGGCTAATCTCAAA 3612
Db 1 TTGCCAGGCTAGTCTCGAA 20

RESULT 549
BD128053
LOCUS 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Primer for synthesizing full-length cDNA and use thereof.
ACCESSION BD128053
VERSION BD128053.1 GI:23222998
KEYWORDS JP 2002017375-A/3484.
SOURCE unidentified
ORGANISM unidentified
1 (bases 1 to 20)
Oca,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y.,
Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
Koga,H.
TITLE Primer for synthesizing full-length cDNA and use thereof
JOURNAL Patent: JP 2002017375-A 3484 22-JAN-2002;
COMMENT OS Unidentified
PN JP 2002017375-A/3484
PD 22-JAN-2002
PF 07-JUN-2000 JP 2000253172
PI TOSHIO OTA,TETSUO NISHIKAWA,TAKAO ISOGAI,KOJI HAYASHI,SHIZUKO
PI ISHII,
PI YURI KAWAI,AI WAKAMATSU,TOMOYASU SUGIYAMA,KEIICHI NAGAI, PI
SHINICHI KOJIMA,
PI TETSUJI OTSUKI,HISASHI KOGA
PC C12N15/09,C07K14/47,C07K16/18,C12N1/15,C12N1/19,C12N1/21,C12N5/ PC
10,
PC C12P21/02,C12Q1/68//C12P21/08,G06F17/30,C12N15/00,C12N5/00 CC
Description of Artificial Sequence: an artificially CC
synthesized primer
CC sequence
FH Key Location/Qualifiers
FT source 1..20
Location/Qualifiers
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/organism='Unidentified'.
FEATURES
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1..20
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Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3593 TTGCTCAGGCTAATCTCAAA 3612
Db 1 TTGCCAGGCTAGTCTCGAA 20

RESULT 550
BD138642
LOCUS 20 bp DNA linear PAT 18-SEP-2002
DEFINITION A novel gene and uses thereof.
ACCESSION BD138642
VERSION BD138642.1 GI:23233587
KEYWORDS JP 2002505844-A/7.
SOURCE synthetic construct
ORGANISM synthetic construct
1 (bases 1 to 20)
Zimme,P.Z. and Collier,G.
TITLE A novel gene and uses thereof
JOURNAL Patent: JP 2002505844-A 7 26-FEB-2002;
INTERNATIONAL DIABETES INSTITUTE,DEAKIN UNIVERSITY

COMMENT	OS Artificial Sequence PN JP 2002505844-A/7 PD 26-FEB-2002 PF 30-OCT-1998 JP 2000519076 PR 31-OCT-1997 AU PP 01117, 11-NOV-1997 AU PP 0323 PI PAUL ZEV ZIMMERT, GREGORY COLLIER PC C12N15/09, A6IK31/711, A6IK38/00, A6IK39/395, A6IK45/00, A6IK46/00, PC A6IP1/14, PC PC A6IP3/04, A6IP3/06, A6IP3/10, A6IP9/12, C07K14/47, C07K16/18, C12P21/ PC 02, PC C1201/68//C12P21/08, C12N15/00, A6IK37/02 CC Description of Artificial Sequence:Synthetic FH Key Location/Qualifiers FT source 1..20 Location/Qualifiers 1..20 /organism='Artificial Sequence', /mol_type='genomic DNA' /db_xref='taxon:32630'
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Query Match	0.3%; Score 15.2; DB 1; Length 20; Best Local Similarity 85.0%; Pred. No. 5.3e+02; Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Db	1 GCCTACAGCTTCACCAACAC 20
RESULT 551	
LOCUS ATHS29437/c	20 bp DNA linear PLN 29-MAR-2003
DEFINITION Arabidopsis thaliana T-DNA flanking sequence, left border, clone 186H12.	
ACCESSION AJ529437	
VERSION AJ529437.1 GI:26797697	
KEYWORDS left border; T-DNA flanking sequence.	
SOURCE Arabidopsis thaliana (chale cress)	
ORGANISM Arabidopsis thaliana Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophytes; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosoid II; Brassicales; Brassicaceae; Arabidopsis.	
REFERENCE 1 Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Bechtold, N., Cunard, C., Derose, R., Pelletier, G., Lepoint, L., Caboche, M. and Leclercq, A. T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites EMBO Rep. 3 (12), 1152-1157 (2002)	
TITLE	2 (bases 1 to 20) Balzergue, S. Direct Submision Submitted (21-NOV-2002) Balzergue S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at http://dbsgap.versailles.inra.fr/publicline/. This sequence has been generated in the framework of the French plant genomics program 'genoplante' (http://www.genoplante.com and http://genoplante-info.infobiogen.fr). Location/Qualifiers 1..20 /organism='Arabidopsis thaliana' /mol_type='genomic DNA'
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Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      325  TCCCTCCCTGGCTTTTCT 344
Db      20  TCCCTGCGCTGCTTTTCT 1

RESULT 552
AR014600
LOCUS      AR014600                21 bp      DNA      linear      PAT 05-DEC-1998
DEFINITION Sequence 25 from patent US 5773691.
ACCESSION  AR014600
VERSION     AR014600.1 GI:3972054
KEYWORDS
SOURCE
ORGANISM   unknown.
REFERENCE  1 (bases 1 to 21)
AUTHORS   Falco,S.Car1., Keeler,S.Jo. and Rice,J.Ann.
TITLE     Chimeric genes and methods for increasing the lysine and threonine
          content of the seeds of plants
          Patent: US 5773691-A 25 30-JUN-1998;
          Location/Qualifiers
            1..21
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              /mol_type="unassigned DNA"

Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      570  GAAGAGAGAGGAGCTGAAG 589
Db      1  GATGAGAGAGAGCTGAAG 20

RESULT 553
AR069093
LOCUS      AR069093                21 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 4 from patent US 5854416.
ACCESSION  AR069093
VERSION     AR069093.1 GI:6001300
KEYWORDS
SOURCE
ORGANISM   unknown.
REFERENCE  1 (bases 1 to 21)
AUTHORS   Sampson,J.S., Russell,H., Tharpe,J.A., Ades,E.W. and Carlone,G.M.
TITLE     Streptococcus pneumoniae 37-KDA surface adhesin a protein and
          nucleic acids coding therefor
          Patent: US 5854416-A 4 29-DEC-1998;
          Location/Qualifiers
            1..21
              /organism="unknown"
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Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1463 TCAGAGACTTTTGGCCCA 1482
Db      1  TCAGAGGCTTATTTGGCCA 20

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RESULT 554
ARI45615
LOCUS ARI45615 21 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 4 from patent US 6217884.
ACCESSION ARI45615
VERSION ARI45615.1 GI:15108804
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Sampson,J.S., Russell,H., Tharpe,J.A., Ades,E.W. and Carlone,G.M.
TITLE Streptococcus pneumoniae 37-kDa surface adhesin a protein
JOURNAL Patent: US 6217884-A 4 17-APR-2001;
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source
/mol_type="unknown"
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Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1463 TCAGAGCTTATTGGCCCA 1482
Db 1 TCAGAGCTTATTGGCCA 20

RESULT 555
ARI63473/c
LOCUS ARI63473 21 bp DNA linear PAT 17-OCT-2001
DEFINITION Sequence 16 from patent US 6270989.
ACCESSION ARI63473
VERSION ARI63473.1 GI:16234081
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Treco,D.A., Hearstlein,M.W., Hauge,B.M. and Selden,R.F.
TITLE Protein production and delivery
JOURNAL Patent: US 6270989-A 16 07-AUG-2001;
FEATURES
source
/mol_type="unknown"
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Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4206 CATTCGTCACCTGTGTG 4225
Db 20 CATTCGTCATCTGTAGG 1

RESULT 556
CQ798162
LOCUS CQ798162 21 bp DNA linear PAT 20-APR-2004
DEFINITION Sequence 69 from Patent WO2004029287.
ACCESSION CQ798162
VERSION CQ798162.1 GI:46426573
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
Guelly,C., Buck,C. and Zatloukal,K.
TITLE Polypeptides and nucleic acids encoding these and their use for the
prevention, diagnosis or treatment of liver disorders and

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JOURNAL Patent: WO 2004029287-A 69 08-APR-2004;
Oridis Biomed Forschungs- und Entwicklungs GmbH (AT)
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/mol_type="Homo sapiens"
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/db_xref="taxon:9606"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 874 ATGCCCTGATCCATGAATT 893
Db 1 ATGCCCTGATCCCTTATT 20

RESULT 557
I26729
LOCUS I26729 21 bp DNA linear PAT 07-OCT-1996
DEFINITION Sequence 17 from patent US 5559223.
ACCESSION I26729
VERSION I26729.1 GI:1606599
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Falco,S.C., Keeler,S.J. and Rice,J.A.
TITLE Synthetic storage proteins with defined structure containing
programmable levels of essential amino acids for improvement of the
nutritional value of plants
JOURNAL Patent: US 5559223-A 17 24-SEP-1996;
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source
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 570 GAAGAAGAGAGAGCTGAAG 589
Db 1 GATGAGAGAGAGCTGAAG 20

RESULT 558
AR235402
LOCUS AR235402 21 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 25 from patent US 6459019.
ACCESSION AR235402
VERSION AR235402.1 GI:27278543
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Falco,S.C., Keeler,S.J. and Rice,J.A.
TITLE Chimeric genes and methods for increasing the lysine and threonine
content of the seeds of plants
JOURNAL Patent: US 6459019-A 25 01-OCT-2002;
FEATURES
source
/mol_type="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 570 GAAGAAGAGAGAGCTGAAG 589

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Db 1 GATGAGGAGAGCTGAAG 20

RESULT 559
AR298357/c
LOCUS AR298357 21 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 10092 from patent US 6537751.
ACCESSION AR298357
VERSION AR298357.1 GI:31685641
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 10092 25-MAR-2003;
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/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2481 GGAAAAGACGCTAGAGCAT 2500
Db 20 GGAAAACAGCTAGAGCAT 1

RESULT 560
AR353834/c
LOCUS AR353834 21 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 9 from patent US 6593111.
ACCESSION AR353834
VERSION AR353834.1 GI:33759901
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Baric,R.S. and Young,B.
TITLE Directional assembly of large viral genomes and chromosomes
JOURNAL Patent: US 6593111-A 9 15-JUL-2003;
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Location/Qualifiers
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2771 AGCTTCTAGTGCATTC 2790
Db 20 AGTCTCTAGTGCATTC 1

RESULT 561
AX015664
LOCUS AX015664 21 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 8 from Patent WO950445.
ACCESSION AX015664
VERSION AX015664.1 GI:10041493
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Von Knebel-Doeberitz,M. and Lacroix,J.
TITLE
JOURNAL
FEATURES
source
1..21
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="20604798 S4"

TITLE Detection method for tumor cells
JOURNAL Patent: WO 9950445-A 8 07-OCT-1999;
DEUTSCHES KREBSFORSCH (DE); VON KNEBEL DOEBERITZ MAGNUS (DE);
LACROIX JEANNINE (DE)
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Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1907 CTCTCAGACCTCATTCCT 1926
Db 1 CTCTCAGACCTCATTCCT 20

RESULT 562
AX179338
LOCUS AX179338 21 bp DNA linear PAT 03-JUL-2001
DEFINITION Sequence 39 from Patent WO0127277.
ACCESSION AX179338
VERSION AX179338.1 GI:14599009
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Shinkets,R.A., Lichenstein,H. and Boldog,F.L.
TITLE Proteins and polynucleotides encoded thereby
JOURNAL Patent: WO 0127277-A 39 19-APR-2001;
Curagen Corporation (US)
FEATURES
source
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Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="20604798 S3"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4802 TCAGCAGCTGAGTATCAAC 4821
Db 1 TCAGTACTGAGTATCAAC 20

RESULT 563
AX179339/c
LOCUS AX179339 21 bp DNA linear PAT 03-JUL-2001
DEFINITION Sequence 40 from Patent WO0127277.
ACCESSION AX179339
VERSION AX179339.1 GI:14599010
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Shinkets,R.A., Lichenstein,H. and Boldog,F.L.
TITLE Proteins and polynucleotides encoded thereby
JOURNAL Patent: WO 0127277-A 40 19-APR-2001;
Curagen Corporation (US)
FEATURES
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Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4802 TCAGAGCTGAAGTATCAAC 4821

DB 21 TCAGTAGCTGAAGTATCAAC 2

RESULT 564

AX203621

LOCUS AX203621 21 bp DNA linear PAT 30-AUG-2001

DEFINITION Sequence 251 from Patent WO0153520.

ACCESSION AX203621

VERSION AX203621.1 GI:15393051

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

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RESULT 566
AX358619/c
LOCUS AX358619 21 bp DNA linear PAT 13-FEB-2002

DEFINITION Sequence 7 from Patent WO0190340.

ACCESSION AX358619

VERSION AX358619.1 GI:18675153

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

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/organism="Homo sapiens"

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REFERENCE 1
AUTHORS Gerlach,V., Macdougall,J.R., Smtihson,G., Stone,D.J., Ellerman,K.,
Spyek,K.A., Zernusen,B.D., Rastelli,L., Verney,C.A.,
Paturajan,M., Tchernev,V.T., Padigaru,M. and Taupier,R.J.
TITLE Proteins and nucleic acids encoding same
JOURNAL Patent: WO 0216600-A 123 28-FEB-2002;
Curagen Corporation (US)
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/organism="synthetic construct"
/mol_type="unassigned DNA"
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Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2558 GTGATGAGGGGAGAGAGAG 2577
Db 1 GTGAGAGGCTGCTGAGAGAG 20

RESULT 569
LOCUS AX452347 21 bp DNA linear PAT 06-JUL-2002
DEFINITION Sequence 33 from Patent WO0242441.
ACCESSION AX452347
VERSION AX452347.1 GI:21712258
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Laemmle,B., Gerritsen,H.E., Furian,M., Threcek,P., Schwarz,H.P.,
Schneiflinger,F., Antoine,G., Kerschbaumer,R., Tagliavacca,L.,
Zimmermann,K. and Voelkel,D.
TITLE Von willebrand factor (vWF) cleaving protease polypeptide, nucleic
JOURNAL acid encoding the polypeptide and use of polypeptide
Patent: WO 0242441-A 33 30-MAY-2002;
Baxter Aktiengesellschaft (AT)
FEATURES
source 1..21
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2790 CTGCATTAATTCAGCCGCC 2809
Db 2 CAGCATTAATCAAGCGCC 21

RESULT 570
LOCUS AX717124 21 bp DNA linear PAT 15-APR-2003
DEFINITION Sequence 5 from Patent WO03020766.
ACCESSION AX717124
VERSION AX717124.1 GI:29890358
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kaplan,F. and Swezey,N.B.
TITLE Late gestation lung genes, fragments and uses thereof
JOURNAL Patent: WO 03020766-A 5 13-MAR-2003;
McGILL UNIVERSITY (CA) ; The Hospital for Sick Children (CA)

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Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3974 TGCTGACATCAAGGCTGAG 3993
Db 2 TGCTGACACACAAAGGCTGCG 21

RESULT 571
LOCUS AX768037 21 bp DNA linear PAT 02-JUL-2003
DEFINITION Sequence 10 from Patent WO03044202.
ACCESSION AX768037
VERSION AX768037.1 GI:32436709
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Audit,M. and Cosset,F.L.
TITLE Chimeric plasmid comprising a replicative retroviral genome and
JOURNAL uses thereof
Patent: WO 03044202-A 10 30-MAY-2003;
Genethon III (FR) ; INSTITUT NATIONAL DE LA SANTE ET DE LA
RECHERCHE MEDICALE (INSERM) (FR)
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Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 516 GACAGAGATGCTGCGGAG 535
Db 1 GTCAGAGATGCTGACTGAG 20

RESULT 572
LOCUS AX825103 21 bp DNA linear PAT 11-DEC-2003
DEFINITION Sequence 1 from Patent WO03072818.
ACCESSION AX825103
VERSION AX825103.1 GI:39750832
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Boekenkamp,D., Dieck,T.H. and Hoppe,H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 1 04-SEP-2003;
Degussa Bioactives GmbH (DE)
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Query Match 0.3%; Score 15.2; DB 1; Length 21;
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Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5391 TTTAAAAAATACAAAAAGA 5410
Db 20 TTTAAAAAATACAAAAAGA 1

RESULT 573
AX825104/c 21 bp DNA linear PAT 11-DEC-2003
LOCUS AX825104 Sequence 2 from Patent WO03072818.
DEFINITION AX825104
ACCESSION AX825104 GI:39750833
VERSION AX825104.1
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
AUTHORS Method for sorting single-stranded nucleic acids
TITLES Patent: WO 03072818-A 2 04-SEP-2003;
JOURNAL Degussa Bioactives GmbH (DE)
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Sequenz: Capture-Oligonukleotid"
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Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5391 TTTAAAAAATACAAAAAGA 5410
Db 20 TTTAAAAAATACAAAAAGA 1

RESULT 574
AX825105/c 21 bp DNA linear PAT 11-DEC-2003
LOCUS AX825105 Sequence 3 from Patent WO03072818.
DEFINITION AX825105
ACCESSION AX825105 GI:39750834
VERSION AX825105.1
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
AUTHORS Method for sorting single-stranded nucleic acids
TITLES Patent: WO 03072818-A 3 04-SEP-2003;
JOURNAL Degussa Bioactives GmbH (DE)
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/note="Beschreibung der kuenstlichen
Sequenz: Capture-Oligonukleotid"
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modified_base 18 /mod_base=OTHER
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Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5391 TTTAAAAAATACAAAAAGA 5410
Db 20 TTTAAAAAATACAAAAAGA 1

RESULT 575
AX825118/c 21 bp DNA linear PAT 11-DEC-2003
LOCUS AX825118 Sequence 16 from Patent WO03072818.
DEFINITION AX825118
ACCESSION AX825118
VERSION AX825118.1 GI:39750847
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
AUTHORS Method for sorting single-stranded nucleic acids
TITLES Patent: WO 03072818-A 16 04-SEP-2003;
JOURNAL
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FEATURES Degussa Bioactives GmbH (DB)
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Sequenz: Capture-Oligonukleotid"
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Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5389 AATTAATAATATCAAAAAA 5408
Db 21 AATTAATAATATCAAAAAA 2

RESULT 576
AX825132/c 21 bp DNA linear PAT 11-DEC-2003
LOCUS AX825132
DEFINITION Sequence 30 from Patent WO03072818.
ACCESSION AX825132
VERSION AX825132.1 GI:39750861
KEYWORDS
SOURCE . synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 30 04-SEP-2003;
Degussa Bioactives GmbH (DB)
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Sequenz: Capture-Oligonukleotid"
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Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5401 ACATAAAGAAATGAAA 5420
Db 20 ACATAAAGAAATGAAA 1

RESULT 577
AX825133/c 21 bp DNA linear PAT 11-DEC-2003
LOCUS AX825133
DEFINITION Sequence 31 from Patent WO03072818.
ACCESSION AX825133
VERSION AX825133.1 GI:39750862
KEYWORDS
SOURCE . synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 31 04-SEP-2003;
Degussa Bioactives GmbH (DB)
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/note="Beschreibung der kuenstlichen
Sequenz: Capture-Oligonukleotid"
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Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5401 ACATAAAGAAATGAAA 5420
Db 20 ACATAAAGAAATGAAA 1

RESULT 578
AX825134/c 21 bp DNA linear PAT 11-DEC-2003
LOCUS AX825134
DEFINITION Sequence 32 from Patent WO03072818.

ACCESSION AX825134
VERSION AX825134.1 GI:39750863
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 32 04-SEP-2003;
Degussa Bioactives GmbH (DE)
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Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5401 ACAAAGAGAAATGAAA 5420
Db 20 ACAAAGAGAGAAATGAAA 1
RESULT 579
AX825152/c
LOCUS AX825152 21 bp DNA linear PAT 11-DEC-2003
DEFINITION Sequence 50 from Patent WO03072818.
ACCESSION AX825152
VERSION AX825152.1 GI:39750881
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 50 04-SEP-2003;
Degussa Bioactives GmbH (DE)
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Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5392 TAAAAAATACAAAAAGAA 5411
Db 20 TAAAAAATACAAAAAGAA 1
RESULT 580
AX825153/c
LOCUS AX825153 21 bp DNA linear PAT 11-DEC-2003
DEFINITION Sequence 51 from Patent WO03072818.
ACCESSION AX825153
VERSION AX825153.1 GI:39750882
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 51 04-SEP-2003;
Degussa Bioactives GmbH (DE)
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Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5392 TAAAAAAATACAAAAAGAA 5411
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Db 20 TAAAAAAATACAAAAAGAA 1

RESULT 581
AX825154/c 21 bp DNA linear PAT 11-DEC-2003
DEFINITION Sequence 52 from Patent WO03072818.
ACCESSION AX825154
VERSION AX825154.1 GI:39750883
KEYWORDS
SOURCE . synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 52 04-SEP-2003;
Degussa Bioactives GmbH (DE)

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Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5392 TAAAAAAATACAAAAAGAA 5411
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Db 20 TAAAAAAATACAAAAAGAA 1

RESULT 582
AX825155/c 21 bp DNA linear PAT 11-DEC-2003
DEFINITION Sequence 53 from Patent WO03072818.
ACCESSION AX825155
VERSION AX825155.1 GI:39750884
KEYWORDS
SOURCE . synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 53 04-SEP-2003;
Degussa Bioactives GmbH (DE)

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Sequenz: Capture-Oligonukleotid"
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Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5402 CAAAAAAGAAAAATGAAAA 5421
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Db 20 CAAAAAAGAAAAATGAAAA 1

RESULT 583
AX825156/c 21 bp DNA linear PAT 11-DEC-2003
DEFINITION Sequence 54 from Patent WO03072818.
ACCESSION AX825156
VERSION AX825156.1 GI:39750885
KEYWORDS
SOURCE . synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 54 04-SEP-2003;
Degussa Bioactives GmbH (DE)

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Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5402 CAAAAAAGAAAAATGAAA 5421
Db 20 CAAAAAAGAAAAAATGAAA 1

RESULT 584
AX825157/c 21 bp DNA linear PAT 11-DEC-2003
LOCUS Sequence 55 from Patent WO03072818.
DEFINITION AX825157
ACCESSION AX825157
VERSION AX825157.1 GI:39750886
KEYWORDS
SOURCE
ORGANISM
ARTIFICIAL SEQUENCES.
REFERENCE
1 Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
AUTHORS Method for sorting single-stranded nucleic acids
TITLE Patent: WO 03072818-A 55 04-SEP-2003;
JOURNAL Degussa Bioactives GmbH (DB)
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/Note="Beschreibung der kuenstlichen
Sequenz: Capture-Oligonukleotid"
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modified_base 9
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/Mod_base=OTHER
modified_base 18
/Note="LNA-T (Locked Nucleic Acid)"
/Mod_base=OTHER

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5402 CAAAAAAGAAAAATGAAA 5421
Db 20 CAAAAAAGAAAAAATGAAA 1

RESULT 585
AX825164/c 21 bp DNA linear PAT 11-DEC-2003
LOCUS Sequence 62 from Patent WO03072818.
DEFINITION AX825164
ACCESSION AX825164

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VERSION AX825164.1 GI:39750893
KEYWORDS
SOURCE
ORGANISM
ARTIFICIAL SEQUENCES.
REFERENCE
1 Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
AUTHORS Method for sorting single-stranded nucleic acids
TITLE Patent: WO 03072818-A 62 04-SEP-2003;
JOURNAL Degussa Bioactives GmbH (DB)
FEATURES
source
1.21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/Note="Beschreibung der kuenstlichen
Sequenz: Capture-Oligonukleotid"
misc_binding
1
/bound_moiety="Biotin"
modified_base 3
/Note="LNA-T (Locked Nucleic Acid)"
/Mod_base=OTHER
modified_base 6
/Note="LNA-T (Locked Nucleic Acid)"
/Mod_base=OTHER
modified_base 9
/Note="LNA-T (Locked Nucleic Acid)"
/Mod_base=OTHER
modified_base 12
/Note="LNA-T (Locked Nucleic Acid)"
/Mod_base=OTHER
modified_base 15
/Note="LNA-T (Locked Nucleic Acid)"
/Mod_base=OTHER
modified_base 18
/Note="LNA-T (Locked Nucleic Acid)"
/Mod_base=OTHER

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
Db 20 AAAAAATACAAAAAAGAAA 1

RESULT 586
AX825165/c 21 bp DNA linear PAT 11-DEC-2003
LOCUS Sequence 63 from Patent WO03072818.
DEFINITION AX825165
ACCESSION AX825165
VERSION AX825165.1 GI:39750894
KEYWORDS
SOURCE
ORGANISM
ARTIFICIAL SEQUENCES.
REFERENCE
1 Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
AUTHORS Method for sorting single-stranded nucleic acids
TITLE Patent: WO 03072818-A 63 04-SEP-2003;
JOURNAL Degussa Bioactives GmbH (DB)
FEATURES
source
1.21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/Note="Beschreibung der kuenstlichen
Sequenz: Capture-Oligonukleotid"
misc_binding
1
/bound_moiety="Biotin"
modified_base 3
/Note="LNA-T (Locked Nucleic Acid)"
/Mod_base=OTHER

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modified_base /mod_base=OTHER
6 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 9 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 12 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 15 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 18 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5412
DB 20 AAAAAAAAAAAAAAAAAA 1

RESULT 587
BD010392 21 bp DNA linear PAT 09-JAN-2004
LOCUS Chimeric genes and methods for increasing the lysine content of the
DEFINITION seeds of plants.
ACCESSION BD010392
VERSION BD010392.1 GI:18638765
KEYWORDS JP 2001502923-A/24.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 21)
AUTHORS Falco,S.C., Ili,R.E.M. and Epeibaum,S.U.
TITLE Chimeric genes and methods for increasing the lysine content of the
JOURNAL Patent: JP 2001502923-A 24 06-MAR-2001;
COMMENT EI DU PONT DE MEMOURS AND CO
OS Unidentified
PN JP 2001502923-A/24
PD 06-MAR-2001
PF 27-MAR-1998 JP 1998543284
PR 27-MAR-1997 US 08/824627
PI SAVERIO CARL FALCO, RAYMOND ERYIN MCDEVITT III, PI SABINE
URSTULA EPEIBAUM
PC C12N9/06, C12N9/12, C12N9/88, C12P13/08, C12N15/82 CC
Strandedness: Single;
CC Topology: Linear;
FH key Location/Qualifiers
FT source 1..21
/organism='Unidentified'.
Location/Qualifiers
1..21
/mol_type='unassigned DNA'
/db_xref='taxon:32644'

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 570 GAAGAGGAGAGCTGAAG 589
DB 1 GATGAGAGAGAGCTGAAG 20

RESULT 588
BD089907/c

LOCUS BD089907 21 bp DNA linear PAT 27-AUG-2002
DEFINITION A method of arraying genome clone.
ACCESSION BD089907
VERSION BD089907.1 GI:22635517
KEYWORDS JP 2001321190-A/2151.
SOURCE synthetic construct
ORGANISM artificial sequence.
REFERENCE 1 (bases 1 to 21)
AUTHORS Soeda,B.
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 2151 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
COMMENT OS Artificial Sequence
GENOTECs
PN JP 2001321190-A/2151
PD 20-NOV-2001
PF 12-MAR-2001 JP 2001068285
PI EITCHI SOEDA
PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
C12N15/00
CC Description of Artificial Sequence:Synthetic DNA FH Key
FT source Location/Qualifiers
1..21
/organism='Artificial Sequence'.
1..21
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2334 CTTGAAGTGGTATTCTTC 2353
DB 20 CCTGAGAGTGGCTATTCTTC 1

RESULT 589
BD144906/c
LOCUS BD144906 21 bp DNA linear PAT 17-JAN-2003
DEFINITION A method of detecting human phase I enzymes of drug-metabolizing
and a probe and a kit therefor.
ACCESSION BD144906
VERSION BD144906.1 GI:27850664
KEYWORDS JP 2002142780-A/118.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 (bases 1 to 21)
AUTHORS Nishimura,M., Yaguchi,H., Naoto,S. and Hiraoka,I.
TITLE A method of detecting human phase I enzymes of drug-metabolizing
and a probe and a kit therefor
JOURNAL Patent: JP 2002142780-A 118 21-MAY-2002;
OTSUKA PHARMACEUTICAL FACTORY INC
COMMENT OS Homo sapiens (human)
PN JP 2002142780-A/118
PD 21-MAY-2002
PF 28-AUG-2001 JP 2001257338
PI MASUHIRO NISHIMURA, HIROSHI YAGUCHI, SHINSAKU NAITO, ISAO HIRAOKA
PC C12N15/09, C12Q1/68, C12N15/00
CC human ALDH4 gene
FH key Location/Qualifiers
FT source 1..21
/organism='Homo sapiens (human)'.
Location/Qualifiers
1..21
/organism='Homo sapiens (human)'
/mol_type='genomic DNA'

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/db_xref="taxon:9606"

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3315 GAACAACGTGATGACCTTG 3334
DB      20 GCACAACTGATGATCTTG 1

RESULT 590
LOCUS   AX530368
DEFINITION Sequence 91 from Patent WO0240668.
ACCESSION AX530368
VERSION  AX530368.1 GI:25173256
KEYWORDS
SOURCE   synthetic construct
ORGANISM artificial sequences.

REFERENCE
1 Tschopp, J. and Martinon, F.
  Proteins and dna sequences underlying these proteins used for
  treating inflammations
  Patent: WO 0240668-A 91 23-MAY-2002;
  Apotech Research and Development Ltd. (CH)
  Location/Qualifiers
    1..39
      /organism="synthetic construct"
      /mol_type="unassigned DNA"
      /db_xref="taxon:32630"
      /note="Primer J71497 (S. 49)"

Query Match      0.3%; Score 15.2; DB 1; Length 39;
Best Local Similarity 63.9%; Pred. No. 7.2e+02;
Matches 23; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

QY      785 AAGGGGAGGCGCTCTCCTCATTTCCCTACAGCC 820
DB      38 AAGTAACAGCGCCAGCGGCCGCGCTCCGCCAGCC 3

RESULT 591
LOCUS   BD257666
DEFINITION Regulation of repressor genes using nucleic acid molecules.
ACCESSION BD257666
VERSION  BD257666.1 GI:33067436
KEYWORDS JP 2002541795-A/5459.
SOURCE   unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS  Blat, L., Zwick, M., Pavco, P. and McSwiggen, J.
TITLE    Regulation of repressor genes using nucleic acid molecules
JOURNAL  Patent: JP 2002541795-A 5459 10-DEC-2002;
          RIBOZYME PHARMACEUTICALS INC
          OS Eukaryote
          PN JP 2002541795-A/5459
          PD 10-DEC-2002 JP 2000611654
          PR 12-APR-1999 US 60/129390
          P1 LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC
          C12N15/09, A61K38/00, A61P43/00, A61P43/00, C12N5/10, PC
          C12P21/02,
          PC
          C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02, PC
          C12R1:91),
          PC (C12P21/02, C12R1:91), (C12P21/02, C12R1:91), C12N5/00, C12N5/00,
          PC A61K37/02,
          PC (C12N5/00, C12R1:91)
          CC Regulation of repressor genes using nucleic acid molecules FH

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Key Location/Qualifiers
FT source 1..17 /organism="Eukaryote".

FEATURES
source 1..17 Location/Qualifiers
      /organism="unidentified"
      /mol_type="genomic DNA"
      /db_xref="taxon:32644"

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5412 AAAATGAATATAAG 5426
DB      17 AAAATGAATATAAG 3

RESULT 592
LOCUS   CQ622025
DEFINITION Sequence 6765 from Patent WO0192524.
ACCESSION CQ622025
VERSION  CQ622025.1 GI:41672243
KEYWORDS
SOURCE   Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS  Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
          Shannon, M.E.
TITLE    Myosin-like gene expressed in human heart and muscle
JOURNAL  Patent: WO 0192524-A 6765 06-DEC-2001;
          Aeomica, Inc. (US)
          Location/Qualifiers
            1..17
              /organism="Homo sapiens"
              /mol_type="unassigned DNA"
              /db_xref="taxon:9606"

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3034 CTCCTGAGACCCCTG 3048
DB      3 CTCCTGAGACCCCTG 17

RESULT 593
LOCUS   CQ622026
DEFINITION Sequence 6766 from Patent WO0192524.
ACCESSION CQ622026
VERSION  CQ622026.1 GI:41672244
KEYWORDS
SOURCE   Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS  Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
          Shannon, M.E.
TITLE    Myosin-like gene expressed in human heart and muscle
JOURNAL  Patent: WO 0192524-A 6766 06-DEC-2001;
          Aeomica, Inc. (US)
          Location/Qualifiers
            1..17
              /organism="Homo sapiens"
              /mol_type="unassigned DNA"
              /db_xref="taxon:9606"

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Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGGAGACCCCTG 3048
DB 2 CTCCTGGAGACCCCTG 16

RESULT 594
LOCUS CQ622027 17 bp DNA linear PAT 02-FEB-2004
DEFINITION Sequence 6767 from Patent WO0192524.
ACCESSION CQ622027
VERSION CQ622027.1 GI:41672245
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS Gu Y., Ji Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.B.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 6767 06-DEC-2001;
FEATURES location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGGAGACCCCTG 3048
DB 1 CTCCTGGAGACCCCTG 15

RESULT 595
LOCUS AR463088 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6765 from patent US 6686188.
ACCESSION AR463088
VERSION AR463088.1 GI:42698145
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu Y., Ji Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.B.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6765 03-FEB-2004;
FEATURES location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGGAGACCCCTG 3048
DB 3 CTCCTGGAGACCCCTG 17

RESULT 596
LOCUS AR463089 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6766 from patent US 6686188.
ACCESSION AR463089
VERSION AR463089.1 GI:42698146
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu Y., Ji Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.B.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6766 03-FEB-2004;
FEATURES location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGGAGACCCCTG 3048
DB 2 CTCCTGGAGACCCCTG 16

RESULT 597
LOCUS AR463090 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6767 from patent US 6686188.
ACCESSION AR463090
VERSION AR463090.1 GI:42698147
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu Y., Ji Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.B.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6767 03-FEB-2004;
FEATURES location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGGAGACCCCTG 3048
DB 1 CTCCTGGAGACCCCTG 15

RESULT 598
LOCUS AX736471/c 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 2061 from Patent WO03025177.
ACCESSION AX736471
VERSION AX736471.1 GI:30515759
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use

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JOURNAL      thereof as medicaments
              Patent: WO 03025177-A 2061 27-MAR-2003;
              Molecular Engines Laboratories (FR)
FEATURES
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    1. .17
    /organism="Homo sapiens"
    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2324 TCTCCACCTCTTGA 2338
Db      17 TCTCCACCTCTTGA 3

RESULT 599
LOCUS      AX760295          17 bp    DNA          linear    PAT 25-JUN-2003
DEFINITION Sequence 3616 from Patent WO03040369.
ACCESSION  AX760295
VERSION     AX760295.1 GI:32254911
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS     1
            Telesman, A., Anson, R. and Tuijnder, M.
TITLE        Sequences involved in tumoral suppression, tumoral reversion,
            apoptosis and/or viral resistance phenomena and their use as
            medicines
JOURNAL      Patent: WO 03040369-A 3616 15-MAY-2003;
            Molecular Engines Laboratories (FR)
FEATURES
  source
    1. .17
    /organism="Homo sapiens"
    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3605 ATCTCAACTCTCTGG 3619
Db      2 ATCTCAACTCTCTGG 16

RESULT 600
LOCUS      ARI05021          18 bp    DNA          linear    PAT 14-FEB-2001
DEFINITION Sequence 25 from patent US 6096502.
ACCESSION  ARI05021
VERSION     ARI05021.1 GI:12818618
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
            Unclassified.

REFERENCE
AUTHORS     1 (bases 1 to 18)
            Lee, S.S.-K.
TITLE        Substrate for detecting UL9 helicase activity
JOURNAL      Patent: US 6096502-A 25 01-AUG-2000;
            location/Qualifiers
FEATURES
  source
    1. .18
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    /mol_type="unassigned DNA"

Query Match      0.3%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1181 GAGAAAGAGAGAG 1195
Db      1 GAGAAAGAGAGAG 15

RESULT 601
LOCUS      AR295566/c          19 bp    DNA          linear    PAT 12-JUN-2003
DEFINITION Sequence 7301 from patent US 6537751.
ACCESSION  AR295566
VERSION     AR295566.1 GI:31682850
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
            Unclassified.

REFERENCE
AUTHORS     1 (bases 1 to 19)
            Cohen, D., Chumakov, I. and Blumenfeld, M.
TITLE        Biallelic markers for use in constructing a high density
            disequilibrium map of the human genome
JOURNAL      Patent: US 6537751-A 7301 25-MAR-2003;
            location/Qualifiers
FEATURES
  source
    1. .19
    /organism="unknown"
    /mol_type="genomic DNA"

Query Match      0.3%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1329 GAAAAATGAGATT 1343
Db      15 GAAAAATGAGATT 1

RESULT 602
LOCUS      AR072469          20 bp    DNA          linear    PAT 28-AUG-2000
DEFINITION Sequence 272 from patent US 5948611.
ACCESSION  AR072469
VERSION     AR072469.1 GI:9999233
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
            Unclassified.

REFERENCE
AUTHORS     1 (bases 1 to 20)
            Prockop, D.J., Ala-Kokko, L., Williams, C.J., Ritvanemi, P.,
            Baldwin, C., Hopkinson, I. and Ahmad, N.
TITLE        Primers and methods for detecting mutations in the procollagen II
            gene (COL2A1) that indicate a genetic predisposition for a
            COL2A1-associated disease
JOURNAL      Patent: US 5948611-A 272 07-SEP-1999;
            location/Qualifiers
FEATURES
  source
    1. .20
    /organism="unknown"
    /mol_type="unassigned DNA"

Query Match      0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1294 TCTGTGAGAGAGC 1308
Db      15 TCTGTGAGAGAGC 1

RESULT 603
LOCUS      BD211114          20 bp    DNA          linear    PAT 17-JUL-2003
DEFINITION Quantitative assay of gene expression.
ACCESSION  BD211114
VERSION     BD211114.1 GI:33020884
KEYWORDS    JP 2002512046-A/59.

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SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
REFERENCE Mammalia; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Buteleostomi; Euteleostomi; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)
AUTHORS Lowe, D.G.
TITLE Quantitative assay of gene expression
JOURNAL Patent: JP 2002512046-A 59 23-APR-2002;
COMMENT GENE TECH INC
OS Mus musculus (mouse)
PN JP 2002512046-A/59
PD 23-APR-2002 JP 2000544838
PF 23-APR-1999 US 09/065673
PI DAVID G LOWE
PC C12Q1/68, C12N15/09, C12N15/00
CC Quantitative assay of gene expression.
FH Key Location/Qualifiers
FT source 1..20
FEATURES Location/Qualifiers
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/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3142 TTCATGTGCTCAG 3156
DB 4 TTCATGTGCTCAG 18

RESULT 604
LOCUS CQ816485/c 20 bp DNA linear PAT 03-JUN-2004
DEFINITION Sequence 43 from Patent WO2004041865.
ACCESSION CQ816485
VERSION CQ816485.1 GI:48144776
KEYWORDS
SOURCE Lama glama (llama)
ORGANISM Lama glama
REFERENCE Mammalia; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Buteleostomi; Euteleostomi; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)
AUTHORS Silence, K., Lauwereys, M. and Dreier, T.
TITLE Stabilized single domain antibodies
JOURNAL Patent: WO 2004041865-A 43 21-MAY-2004;
Ablynx N.V. (BE)
FEATURES Location/Qualifiers
source 1..20
/organism="Lama glama"
/mol_type="unassigned DNA"
/db_xref="taxon:9844"

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3752 ATGACTTCGGGGCC 3766
DB 17 ATGACTTCGGGGCC 3

RESULT 605
LOCUS CQ817214/c 20 bp DNA linear PAT 03-JUN-2004
DEFINITION Sequence 81 from Patent WO2004041863.
ACCESSION CQ817214
VERSION CQ817214.1 GI:48145354
KEYWORDS

SOURCE Lama glama (llama)
ORGANISM Lama glama
REFERENCE Mammalia; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Buteleostomi; Euteleostomi; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)
AUTHORS Beirnaert, E.
TITLE Single domain antibodies directed against interferon- gamma and uses thereof
JOURNAL Patent: WO 2004041863-A 81 21-MAY-2004;
Ablynx N.V. (BE)
FEATURES Location/Qualifiers
source 1..20
/organism="Lama glama"
/mol_type="unassigned DNA"
/db_xref="taxon:9844"

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3752 ATGACTTCGGGGCC 3766
DB 17 ATGACTTCGGGGCC 3

RESULT 606
LOCUS CQ818322/c 20 bp DNA linear PAT 07-JUN-2004
DEFINITION Sequence 97 from Patent WO2004041867.
ACCESSION CQ818322
VERSION CQ818322.1 GI:48427010
KEYWORDS
SOURCE Lama glama (llama)
ORGANISM Lama glama
REFERENCE Mammalia; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Buteleostomi; Euteleostomi; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)
AUTHORS Silence, K., Vaack, M. and van bergen en Henegouwen, P.P.
TITLE Camelidae antibodies against immunoglobulin e and use thereof for the treatment of allergic disorders
JOURNAL Patent: WO 2004041867-A 97 21-MAY-2004;
Ablynx N.V. (BE)
FEATURES Location/Qualifiers
source 1..20
/organism="Lama glama"
/mol_type="unassigned DNA"
/db_xref="taxon:9844"

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3752 ATGACTTCGGGGCC 3766
DB 17 ATGACTTCGGGGCC 3

RESULT 607
LOCUS AR219165 20 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 7 from patent US 6420136.
ACCESSION AR219165
VERSION AR219165.1 GI:23320099
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS Riabowol, K.T., Garikavtsev, I. and Gudkov, A.
TITLE Method of modulating p53 activity
JOURNAL Patent: US 6420136-A 7 16-JUL-2002;
FEATURES Location/Qualifiers
source 1..20

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/organism="unknown"
/mol_type="genomic DNA"
Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 3292 CTGAAGAGCTAGAC 3306
Db 1 CTGAAGAGCTAGAC 15

RESULT 608
AR224591 AR224591 20 bp DNA linear PAT 26-SEP-2002
LOCUS AR224591 Sequence 50 from patent US 6440738.
DEFINITION AR224591
ACCESSION AR224591
VERSION AR224591.1 GI:23333431
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wyatt,J.
TITLE Antisense modulation of casein kinase 2-beta expression
JOURNAL Patent: US 6440738-A 50 27-AUG-2002;
FEATURES
source
/mol_type="genomic DNA"
Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 3461 AGCTGCTCATCTTCA 3475
Db 2 AGCTGCTCATCTTCA 16

RESULT 609
AR338046 AR338046 20 bp DNA linear PAT 17-AUG-2003
LOCUS AR338046 Sequence 118 from patent US 6569432.
DEFINITION AR338046
ACCESSION AR338046
VERSION AR338046.1 GI:33724715
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Israeli,R.S., Hesston,W.D.W., Fair,W.R., Querfelli,O. and Pinto,J.
TITLE Prostate-specific membrane antigen and uses thereof
JOURNAL Patent: US 6569432-A 118 27-MAY-2003;
FEATURES
source
/mol_type="genomic DNA"
Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2619 CCTGATGACGTGGGT 2633
Db 16 CCTGATGACGTGGGT 2

RESULT 610
AR008503 AR008503 21 bp DNA linear PAT 04-DEC-1998
LOCUS AR008503 Sequence 34 from patent US 5753492.
DEFINITION AR008503
ACCESSION AR008503
VERSION AR008503.1 GI:12809405
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Payne,J.M., Kennedy,M.Keith., Randall,J.Brookes., Meier,H.,
Uick,H.Jane., Foncerrada,L., Schnepf,H.Ernest., Schwab,G.E. and
Fu,J.
TITLE Bacillus thuringiensis toxins active against hymenopteran pests
JOURNAL Patent: US 6077937-A 27 20-JUN-2000;
FEATURES
source
/mol_type="unassigned DNA"
Query Match 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 5.9e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
QY 5271 AACGAGTTTATTCAGAAAT 5291
Db 1 AATGAAGTWTATTCGWTAAAT 21

RESULT 611
AR049953 AR049953 21 bp DNA linear PAT 29-SEP-1999
LOCUS AR049953 Sequence 27 from patent US 5824792.
DEFINITION AR049953
ACCESSION AR049953
VERSION AR049953.1 GI:5971945
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Payne,J.M., Kennedy,M.Keith., Randall,J.Brookes., Meier,H.,
Uick,H.Jane., Foncerrada,L., Schnepf,H.Ernest., Schwab,G.E. and
Fu,J.
TITLE Bacillus thuringiensis toxins active against hymenopteran pests
JOURNAL Patent: US 5824792-A 27 20-OCT-1998;
FEATURES
source
/mol_type="unassigned DNA"
Query Match 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 5.9e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
QY 5271 AACGAGTTTATTCAGAAAT 5291
Db 1 AATGAAGTWTATTCGWTAAAT 21

RESULT 612
AR099639 AR099639 21 bp DNA linear PAT 14-FEB-2001
LOCUS AR099639 Sequence 27 from patent US 6077937.
DEFINITION AR099639
ACCESSION AR099639
VERSION AR099639.1 GI:12809405
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Payne,J.M., Kennedy,M.Keith., Randall,J.Brookes., Meier,H.,
Uick,H.Jane., Foncerrada,L., Schnepf,H.Ernest., Schwab,G.E. and
Fu,J.
TITLE Bacillus thuringiensis toxins active against hymenopteran pests
JOURNAL Patent: US 6077937-A 27 20-JUN-2000;
FEATURES
source
/mol_type="unassigned DNA"
Query Match 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 5.9e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
QY 5271 AACGAGTTTATTCAGAAAT 5291
Db 1 AATGAAGTWTATTCGWTAAAT 21
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/organism="unknown"
/mol_type="genomic DNA"
Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 3292 CTGAAGAGCTAGAC 3306
Db 1 CTGAAGAGCTAGAC 15

RESULT 608
AR224591 AR224591 20 bp DNA linear PAT 26-SEP-2002
LOCUS AR224591 Sequence 50 from patent US 6440738.
DEFINITION AR224591
ACCESSION AR224591
VERSION AR224591.1 GI:23333431
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wyatt,J.
TITLE Antisense modulation of casein kinase 2-beta expression
JOURNAL Patent: US 6440738-A 50 27-AUG-2002;
FEATURES
source
/mol_type="genomic DNA"
Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 3461 AGCTGCTCATCTTCA 3475
Db 2 AGCTGCTCATCTTCA 16

RESULT 609
AR338046 AR338046 20 bp DNA linear PAT 17-AUG-2003
LOCUS AR338046 Sequence 118 from patent US 6569432.
DEFINITION AR338046
ACCESSION AR338046
VERSION AR338046.1 GI:33724715
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Israeli,R.S., Hesston,W.D.W., Fair,W.R., Querfelli,O. and Pinto,J.
TITLE Prostate-specific membrane antigen and uses thereof
JOURNAL Patent: US 6569432-A 118 27-MAY-2003;
FEATURES
source
/mol_type="genomic DNA"
Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2619 CCTGATGACGTGGGT 2633
Db 16 CCTGATGACGTGGGT 2

RESULT 610
AR008503 AR008503 21 bp DNA linear PAT 04-DEC-1998
LOCUS AR008503 Sequence 34 from patent US 5753492.
DEFINITION AR008503
ACCESSION AR008503
VERSION AR008503.1 GI:12809405
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Payne,J.M., Kennedy,M.Keith., Randall,J.Brookes., Meier,H.,
Uick,H.Jane., Foncerrada,L., Schnepf,H.Ernest., Schwab,G.E. and
Fu,J.
TITLE Bacillus thuringiensis toxins active against hymenopteran pests
JOURNAL Patent: US 6077937-A 27 20-JUN-2000;
FEATURES
source
/mol_type="unassigned DNA"
Query Match 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 5.9e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
QY 5271 AACGAGTTTATTCAGAAAT 5291
Db 1 AATGAAGTWTATTCGWTAAAT 21

RESULT 611
AR049953 AR049953 21 bp DNA linear PAT 29-SEP-1999
LOCUS AR049953 Sequence 27 from patent US 5824792.
DEFINITION AR049953
ACCESSION AR049953
VERSION AR049953.1 GI:5971945
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Payne,J.M., Kennedy,M.Keith., Randall,J.Brookes., Meier,H.,
Uick,H.Jane., Foncerrada,L., Schnepf,H.Ernest., Schwab,G.E. and
Fu,J.
TITLE Bacillus thuringiensis toxins active against hymenopteran pests
JOURNAL Patent: US 5824792-A 27 20-OCT-1998;
FEATURES
source
/mol_type="unassigned DNA"
Query Match 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 5.9e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
QY 5271 AACGAGTTTATTCAGAAAT 5291
Db 1 AATGAAGTWTATTCGWTAAAT 21

RESULT 612
AR099639 AR099639 21 bp DNA linear PAT 14-FEB-2001
LOCUS AR099639 Sequence 27 from patent US 6077937.
DEFINITION AR099639
ACCESSION AR099639
VERSION AR099639.1 GI:12809405
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Payne,J.M., Kennedy,M.Keith., Randall,J.Brookes., Meier,H.,
Uick,H.Jane., Foncerrada,L., Schnepf,H.Ernest., Schwab,G.E. and
Fu,J.
TITLE Bacillus thuringiensis toxins active against hymenopteran pests
JOURNAL Patent: US 6077937-A 27 20-JUN-2000;
FEATURES
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/mol_type="unassigned DNA"
Query Match 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 5.9e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
QY 5271 AACGAGTTTATTCAGAAAT 5291
Db 1 AATGAAGTWTATTCGWTAAAT 21
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 5.9e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AAGGAAGTTTATTCAGAAAT 5291
DB 1 AATGAAGTWTATCCGWTAAAT 21

RESULT 613
LOCUS 113737 21 bp DNA linear PAT 26-SEP-1995
DEFINITION Sequence 13 from patent US 5439881.
ACCESSION 113737
VERSION 113737.1 GI:396803
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

1 (bases 1 to 21)
Narva,K.E., Schwab,G.E. and Payne,J.M.
Gene encoding nematode-active toxin P63B cloned from Bacillus
thuringiensis isolate
Patent: US 5439881-A 13 08-AUG-1995;
Location/Qualifiers
1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 5.9e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AAGGAAGTTTATTCAGAAAT 5291
DB 1 AATGAAGTWTATCCGWTAAAT 21

RESULT 614
LOCUS 134533 21 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 27 from patent US 5596071.
ACCESSION 134533
VERSION 134533.1 GI:1825324
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

1 (bases 1 to 21)
Payne,J.M., Kennedy,M.Keith., Randall,J.B., Meier,H., Dick,H.J.,
Foncerrada,L., Schmepl,H.Ernest., Schwab,G.E. and Fu,J.
Bacillus thuringiensis toxins active against hymenopteran pests
Patent: US 5596071-A 27 21-JAN-1997;
Location/Qualifiers
1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 5.9e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AAGGAAGTTTATTCAGAAAT 5291
DB 1 AATGAAGTWTATCCGWTAAAT 21

RESULT 615
LOCUS 139803 21 bp DNA linear PAT 13-MAY-1997

DEFINITION Sequence 27 from patent US 5616495.
ACCESSION 139803
VERSION 139803.1 GI:2084283
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

1 (bases 1 to 21)
Payne,J.M., Kennedy,M.Keith., Randall,J.B., Meier,H., Dick,H.J.,
Foncerrada,L., Schmepl,H.E. and Schwab,G.E.
Bacillus thuringiensis gene encoding hymenopteran-active toxins
Patent: US 5616495-A 27 01-APR-1997;
Location/Qualifiers
1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 5.9e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AAGGAAGTTTATTCAGAAAT 5291
DB 1 AATGAAGTWTATCCGWTAAAT 21

RESULT 616
LOCUS AR409131 21 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 34 from patent US 6632792.
ACCESSION AR409131
VERSION AR409131.1 GI:40159621
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

1 (bases 1 to 21)
Schnepl,H.E., Schwab,G.E., Payne,J., Narva,K.E. and Foncerrada,L.
Nematocidal proteins
Patent: US 6632792-A 34 14-OCT-2003;
Location/Qualifiers
1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 5.9e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AAGGAAGTTTATTCAGAAAT 5291
DB 1 AATGAAGTWTATCCGWTAAAT 21

RESULT 617
LOCUS AX095786 21 bp DNA linear PAT 30-MAR-2001
DEFINITION Sequence 964 from Patent WO0118250.
ACCESSION AX095786
VERSION AX095786.1 GI:13512013
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

1 (bases 1 to 21)
Homo sapiens (human)
Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Buteria; Primates; Catarrhini; Homidae; Homo.
Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.O. and
McCarthy,J.J.
Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 964 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
Pharmaceuticals, Inc. (US)
Location/Qualifiers


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source
1. .21
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 3573 AGAGAGCGCGCTTCCC 3589
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5 AGAGAGCGCGGATCCC 21

RESULT 618
AX146081 21 bp DNA linear PAT 31-MAY-2001
LOCUS AX146081
DEFINITION Sequence 272 from Patent WO0134840.
ACCESSION AX146081
VERSION AX146081.1 GI:14284599
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
1 Au, K.G., Chen, J.G., Pacil, N. and Thomas, D.
Genetic compositions and methods
Patent: WO 0134840-A 272 17-MAY-2001;
GLAXO GROUP LIMITED (GB) ; Affymetrix, Inc. (US)
location/Qualifiers
1. .21
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/notes="n' represents a polymorphic base"
variation
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/notes="n' represents a polymorphic base"

Query Match
0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 910 CAGGGCTCAGAGAGAA 925
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16 CAGGGNTCAGAGAGAA 1

RESULT 619
A57775 18 bp DNA linear PAT 03-MAR-1998
LOCUS A57775
DEFINITION Sequence 10 from Patent WO9634100.
ACCESSION A57775
VERSION A57775.1 GI:3713599
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1
Stroberg, A.D. and Zilberfarb, V.
IMMORTALISED CELL LINES FROM HUMAN ADIPOSE TISSUE, PROCESS FOR
PREPARING SAME AND APPLICATIONS THEREOF
Patent: WO 9634100-A 10 31-OCT-1996;
CENTRE NAT RECH SCIENT (FR)
Other publication FR 273513 961031.
location/Qualifiers
1. .18
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

COMMENT
FEATURES
source

Query Match
0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 1264 CTACAGCCCGACACGAC 1281
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DB 18 CTACAGCTTCACACGAC 1

RESULT 620
AR040105 18 bp DNA linear PAT 29-SEP-1999
LOCUS AR040105
DEFINITION Sequence 953 from patent US 5807743.
ACCESSION AR040105
VERSION AR040105.1 GI:5959468
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1
(bases 1 to 18)
AUTHORS Stinchcomb, D.T. and McSwigen, V.A.
TITLE Interleukin-2 receptor gamma-chain ribozymes
JOURNAL Patent: US 5807743-A 953 15-SEP-1998;
location/Qualifiers
1. .18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 573 GAAGAGAGCTGAGAGA 590
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DB 18 GAAGAGAGCTGAGAGA 1

RESULT 621
AR043619 18 bp DNA linear PAT 29-SEP-1999
LOCUS AR043619
DEFINITION Sequence 4 from patent US 5814509.
ACCESSION AR043619
VERSION AR043619.1 GI:5964627
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1
(bases 1 to 18)
AUTHORS Tanabe, T.
TITLE Prostacyclin synthase derived from human
JOURNAL Patent: US 5814509-A 4 29-SEP-1998;
location/Qualifiers
1. .18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4457 TGCTGCAACTACTTGA 4474
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DB 1 TGCTGCACTCTCTTGA 18

RESULT 622
AR047460 18 bp DNA linear PAT 29-SEP-1999
LOCUS AR047460
DEFINITION Sequence 2253 from patent US 5817796.
ACCESSION AR047460
VERSION AR047460.1 GI:5968925
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1
(bases 1 to 18)
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AUTHORS Stinchcomb,D.T., Draper,K., McGwigen,J. and Jarvis,T.
TITLE C-myc ribozymes having 2'-5'-linked adenylylate residues
JOURNAL Patent: US 581796-A 2253 06-OCT-1998;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2518 TTGGGGCATCAACCA 2535
DB 18 TTGGGGCATCAACCA 1

RESULT 623
AR048585 18 bp DNA linear PAT 29-SEP-1999
LOCUS Sequence 18 from patent US 5821124.
DEFINITION AR048585
ACCESSION AR048585
VERSION AR048585.1 GI:5970928
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Valenzuela,D.M., Yancopoulos,G.D., Harland,R.M. and Smith,W.C.
TITLE Hybridoma cell lines and antibodies that bind noggin
JOURNAL Patent: US 5821124-A 18 13-OCT-1998;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 748 CAGATGGGGCTGAGTCA 765
DB 1 CAGATGGGGCTGAGTCA 18

RESULT 624
AR062892 18 bp DNA linear PAT 29-SEP-1999
LOCUS Sequence 18 from patent US 5843775.
DEFINITION AR062892
ACCESSION AR062892
VERSION AR062892.1 GI:5990583
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Valenzuela,D.M., Ip,N.Y., Cudny,H.D., Yancopoulos,G.D.,
Harland,R.M., Smith,W.C., Lamb,T. and Knecht,A.
TITLE Human dorsal tissue affecting factor (noggin) and nucleic acids
JOURNAL Patent: US 5843775-A 18 01-DEC-1998;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 748 CAGATGGGGCTGAGTCA 765
DB 1 CAGATGGGGCTGAGTCA 18

RESULT 625
AR076416 18 bp DNA linear PAT 30-AUG-2000
LOCUS Sequence 36 from patent US 5958773.
DEFINITION AR076416
ACCESSION AR076416
VERSION AR076416.1 GI:10003162
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 18)
AUTHORS Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of AKT-1 expression
JOURNAL Patent: US 5958773-A 36 28-SEP-1999;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3312 GCAGAAACAACCTGATGA 3329
DB 1 GCAGAAACAACCTGATGA 18

RESULT 626
AR084528 18 bp DNA linear PAT 01-SEP-2000
LOCUS Sequence 17 from patent US 5981185.
DEFINITION AR084528
ACCESSION AR084528
VERSION AR084528.1 GI:10011299
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 18)
AUTHORS Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 17 09-NOV-1999;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGCTGCTGCTGCAGC 2659
DB 1 TGCAGCTGCTGCTGCAGC 18

RESULT 627
AR097589/c 18 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 10 from patent US 6071747.
DEFINITION AR097589
ACCESSION AR097589
VERSION AR097589.1 GI:12806319
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 18)
AUTHORS Stroberg,A.Domy. and Zilberfarb,V.
TITLE Immortalized cell lines from human adipose tissue, process for
preparing same and applications thereof
JOURNAL Patent: US 6071747-A 10 06-JUN-2000;

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FEATURES
  source
    Location/Qualifiers
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        /mol_type="unassigned DNA"

Query Match
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  Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1264 CTACAGCCCGCCACAC 1281
  |||||
  18 CTACAGCTTCACACAC 1

RESULT 628
AR098327
LOCUS AR098327 18 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 18 from patent US 6075007.
ACCESSION AR098327
VERSION AR098327.1 GI:12807584
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
  1 (bases 1 to 18)
  Economides, A., Strahl, N.R. and Harland, R.M.
  Modified noggin polypeptide and compositions
  Patent: US 6075007-A 18 13-JUN-2000;
  Location/Qualifiers
    1..18
      /organism="unknown"
      /mol_type="unassigned DNA"

Query Match
  Best Local Similarity 88.9%; Score 14.8; DB 1; Length 18;
  Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 748 CAGATGGGCTGAGTCA 765
  |||||
  1 CAGATGTGGCTGTGCTCA 18

Db
  |||||
  1 CAGATGTGGCTGTGCTCA 18

RESULT 629
AR128932
LOCUS AR128932 18 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 15 from patent US 6183963.
ACCESSION AR128932
VERSION AR128932.1 GI:14116594
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
  1 (bases 1 to 18)
  Sinnett, D. and Labuda, D.
  Detection of CYP1A1, CYP3A4, CYP2D6 and NAT2 variants by
  PCR-allele-specific oligonucleotide (ASO) assay
  Patent: US 6183963-A 15 06-FEB-2001;
  Location/Qualifiers
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      /mol_type="unassigned DNA"

Query Match
  Best Local Similarity 88.9%; Score 14.8; DB 1; Length 18;
  Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4154 GCTTCTCCGCTTGAG 4171
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  1 GCTTCTCCGCTTGAG 18

Db
  |||||
  1 GCTTCTCCGCTTGAG 18

RESULT 630
BD250549/c

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LOCUS BD250549 18 bp DNA linear PAT 17-JUL-2003
DEFINITION Identification of genetic targets for modulation by
  oligonucleotides and generation of oligonucleotides for gene
  modulation.
ACCESSION BD250549
VERSION BD250549.1 GI:33060319
KEYWORDS JP 2002511276-A/103.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
  1 (bases 1 to 18)
  Cowse, L.M., Baker, B.F., Mcneil, J., Freiler, S.M., Sasamor, H.M.,
  Brooks, D.G., Ohasi, C., Wyatt, J.R., Borchers, A.H. and Vikkars, T.A.
  Identification of genetic targets for modulation by
  oligonucleotides and generation of oligonucleotides for gene
  modulation
  Patent: JP 2002511276-A 103 16-APR-2002;
  ISIS PHARMACEUTICALS INC
COMMENT
  OS Artificial Sequence
  PN JP 2002511276-A/103
  PD 16-APR-2002
  PF 13-APR-1999 JP 2000543647
  PR 13-APR-1998 US 60/081483, 28-APR-1998 US 09/067638 PI
  LEX M COMSERT, BRENDA F BAKER, JOHN MCNEIL, SUSAN M FREIER, HENRI PI
  M SASMOR,
  PI DOUGLAS G BROOKS, CARA OHASI, JACQUELINE R WYATT, ALEXANDER H PI
  BORCHERS,
  PI TIMOTHY A VIKKARS
  PC C12N15/09, C07B61/00, C07B61/00, C12Q1/68, G06F17/30, G06F17/50, PC
  C12N15/00
  CC Antisense Oligonucleotide
  FH Key location/Qualifiers
  FT source 1..18
    /organism="Artificial Sequence".
    Location/Qualifiers
      1..18
        /organism="synthetic construct"
        /mol_type="genomic DNA"
        /db_xref="taxon:32630"

Query Match
  Best Local Similarity 88.9%; Score 14.8; DB 1; Length 18;
  Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3269 CTGTCTTGTGCGCACC 3286
  |||||
  18 CTGTCTTGTGCGCACC 1

Db
  |||||
  18 CTGTCTTGTGCGCACC 1

RESULT 631
BD250804
LOCUS BD250804 18 bp DNA linear PAT 17-JUL-2003
DEFINITION Identification of genetic targets for modulation by
  oligonucleotides and generation of oligonucleotides for gene
  modulation.
ACCESSION BD250804
VERSION BD250804.1 GI:33060574
KEYWORDS JP 2002511276-A/358.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
  1 (bases 1 to 18)
  Cowse, L.M., Baker, B.F., Mcneil, J., Freiler, S.M., Sasamor, H.M.,
  Brooks, D.G., Ohasi, C., Wyatt, J.R., Borchers, A.H. and Vikkars, T.A.
  Identification of genetic targets for modulation by
  oligonucleotides and generation of oligonucleotides for gene
  modulation
  Patent: JP 2002511276-A 358 16-APR-2002;
  ISIS PHARMACEUTICALS INC
COMMENT
  OS Artificial Sequence
  PN JP 2002511276-A/358
  PD 16-APR-2002
  PF 13-APR-1999 JP 2000543647

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PR 13-APR-1998 US 60/081483,28-APR-1998 US 09/067638 PI
LEX M COMSERT,BRENDA F BAKER,JOHN MCNEIL,SUSAN M FREIER,HENRI PI
M SASMOR,
PI DOUGLAS G BROOKS,CARA OHASI,JACQUELINE R WYATT,ALEXANDER H PI
BORCHERS,
PI TIMOTHY A VIKKAS
PC C12N15/09,C07B61/00,C12Q1/68,G06F17/30,G06F17/50, PC
C12N15/00
CC Antisense Oligonucleotide
FH Key Location/Qualifiers
FT source 1..18
FT /organism='Artificial Sequence'.
FEATURES
Source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3312 GCAGACACACTGGATGA 3329
Db 1 GGAGACACACTGGATGA 18

RESULT 632
LOCUS 136664 18 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 8 from patent US 5607924.
ACCESSION 136664
VERSION 136664.1 GI:2086489
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Magda,D., Seisler,J.L., Iverson,B.L., Sansom,P.I. and Wright,M.
TITLE DNA photocleavage using texaphyrins
JOURNAL Patent: US 5607924-A 8 04-MAR-1997;
FEATURES
Source Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4398 GAAAGACAGAAAGATGA 4415
Db 18 GAAAGAAAGAAAGAAAGA 1

RESULT 633
LOCUS 154512 18 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 2253 from patent US 5646042.
ACCESSION 154512
VERSION 154512.1 GI:2475715
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myc targeted ribozymes
JOURNAL Patent: US 5646042-A 2253 08-JUL-1997;
FEATURES
Source Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2518 TTTGGGCGATCAACCA 2535
Db 18 TTTGGGCGATCGCCACA 1

RESULT 634
LOCUS AR231296/c 18 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 33 from patent US 6451968.
ACCESSION AR231296
VERSION AR231296.1 GI:27272227
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Egholm,M., Nielsen,P., Buchardt,O., Dueholm,K.L., Christensen,L.,
Coull,J.M., Kiely,J. and Griffith,M.
TITLE Peptide nucleic acids
JOURNAL Patent: US 6451968-A 33 17-SEP-2002;
FEATURES
Source Location/Qualifiers
1..18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5396 AAAATACAAAAAGAAA 5413
Db 18 AAAAGAAAAAGAAAA 1

RESULT 635
LOCUS AR268896 18 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 18 from patent US 6500640.
ACCESSION AR268896
VERSION AR268896.1 GI:29699616
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Economides,A., Stahl,N.E. and Harland,R.M.
TITLE Nucleic acid molecules encoding modified dorsal tissue affecting factor
JOURNAL Patent: US 6500640-A 18 31-DEC-2002;
FEATURES
Source Location/Qualifiers
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/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 748 CAGATGGGCTGAGTCA 765
Db 1 CAGATGTGGCTGTGGTCA 18

RESULT 636
LOCUS AR293710 18 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 5445 from patent US 6537751.
ACCESSION AR293710

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VERSION AR293710.1 GI:31680994
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
JOURNAL disequilibrium map of the human genome
FEATURES Patent: US 6537751-A 5445 25-MAR-2003;
source Location/Qualifiers
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/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4406 AGAAGATGAGACTCTGG 4423
Db 1 AGACAGATCAGACTCTGG 18

RESULT 637
AR294364/c AR294364 18 bp DNA linear PAT 12-JUN-2003
LOCUS Sequence 6099 from patent US 6537751.
ACCESSION AR294364
VERSION AR294364.1 GI:31681648
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
JOURNAL disequilibrium map of the human genome
FEATURES Patent: US 6537751-A 6099 25-MAR-2003;
source Location/Qualifiers
1..18
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 568 CTGAAGAGAGAGAGCTG 585
Db 18 CTGAAGAGAGAGCTCTG 1

RESULT 638
AX078827 AX078827 18 bp DNA linear PAT 22-FEB-2001
LOCUS Sequence 1 from Patent WO0105963.
ACCESSION AX078827
VERSION AX078827.1 GI:13158444
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
JOURNAL Fundyus,M.E., Coderre,T.J., Cohen,S.R., Henry,J.L. and Vainio,A.
TITLE Antisense oligonucleotides for metabotropic glutamate receptor type
JOURNAL Patent: WO 0105963-A 1 25-JAN-2001;
FEATURES Location/Qualifiers
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/mol_type="genomic DNA"
/organism="Homo sapiens"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2856 ATGAGAGCCCGACCATGT 2873
Db 1 AAGAGCCCGACCATGT 18

RESULT 639
AX078857 AX078857 18 bp DNA linear PAT 22-FEB-2001
LOCUS Sequence 31 from Patent WO0105963.
ACCESSION AX078857
VERSION AX078857.1 GI:13158474
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
JOURNAL Fundyus,M.E., Coderre,T.J., Cohen,S.R., Henry,J.L. and Vainio,A.
TITLE Antisense oligonucleotides for metabotropic glutamate receptor type
JOURNAL Patent: WO 0105963-A 31 25-JAN-2001;
FEATURES Location/Qualifiers
1..18
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2859 GAGCCCGACCATGTGT 2876
Db 1 GAGCCCGACCATGTGT 18

RESULT 640
AX530375 AX530375 18 bp DNA linear PAT 21-NOV-2002
LOCUS Sequence 98 from Patent WO0240668.
ACCESSION AX530375
VERSION AX530375.1 GI:25173263
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Techopp,J. and Martinou,F.
TITLE Proteins and dna sequences underlying these proteins used for
JOURNAL treating Inflammations
TITLE Patent: WO 0240668-A 98 23-MAY-2002;
JOURNAL Apotech Research and Development Ltd. (CH)
FEATURES Location/Qualifiers
1..18
/mol_type="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="Primer JT1526"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2500 TATGAATACATGCTCTG 2517
Db 1 TATGAATACATGCTCTG 18
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Db 18 TATGGATGACTGAGCCTG 1

RESULT 641
AX598368/c
LOCUS AX598368 18 bp DNA linear PAT 14-FEB-2003
DEFINITION Sequence 642 from Patent WO0244994.
ACCESSION AX598368
VERSION AX598368
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1
Brower, A., Brow, M.A., Cracauer, R.F., Fors, L., Granske, R., de arruda
Neri, B.P., Reimer, N.D., Roewen, R.T., Skrzypczynski, Z., Ziarno, W.A.,
Comerford, J., Stump, S. and Viegut, D.D.
TITLE Systems and method for detection assay production and sale
JOURNAL Patent: WO 0244994-A 642 06-JUN-2002;
THIRD WAVE TECHNOLOGIES, INC. (US)
FEATURES
source 1. 18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2642 TGCAGCTGCTGCTGCAGC 2659
Db 18 TCGTCTGCTGCTGCTGC 1

RESULT 642
AX797874
LOCUS AX797874 18 bp DNA linear PAT 04-OCT-2003
DEFINITION Sequence 148 from Patent WO03051916.
ACCESSION AX797874
VERSION AX797874.1 GI:37518217
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1
Edwards, A., Dharamsi, A., Vedadi, M., Alam, M.Z., Houston, S.,
Pinder, B., Ng, I., Lam, R. and Kimber, M.
TITLE Novel purified polypeptides from *Streptococcus pneumoniae*
JOURNAL Patent: WO 03051916-A 148 26-JUN-2003;
Affinium Pharmaceuticals, Inc. (CA)
FEATURES
source 1. 18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="sample primers"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1795 GAGCTCTGTGCACTGG 1812
Db 1 GAGTCTGTATGCACTGG 18

RESULT 643
AX797883
LOCUS AX797883 18 bp DNA linear PAT 04-OCT-2003
DEFINITION Sequence 157 from Patent WO03051916.
ACCESSION AX797883

VERSION AX797883.1 GI:37518226
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1
Edwards, A., Dharamsi, A., Vedadi, M., Alam, M.Z., Houston, S.,
Pinder, B., Ng, I., Lam, R. and Kimber, M.
TITLE Novel purified polypeptides from *Streptococcus pneumoniae*
JOURNAL Patent: WO 03051916-A 157 26-JUN-2003;
Affinium Pharmaceuticals, Inc. (CA)
FEATURES
source 1. 18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="sample primers"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1795 GAGCTCTGTGCACTGG 1812
Db 1 GAGTCTGTATGCACTGG 18

RESULT 644
AX809686
LOCUS AX809686 18 bp DNA linear PAT 25-NOV-2003
DEFINITION Sequence 148 from Patent WO03052099.
ACCESSION AX809686
VERSION AX809686.1 GI:38523841
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1
Chen, T., Li, J. and Chen, T.M.
TITLE Methods of parallel gene cloning and analysis
JOURNAL Patent: WO 03052099-A 148 26-JUN-2003;
CHEN, Tao (CA) ; Li, Jinghan (CA)
FEATURES
source 1. 18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="sample primers"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1795 GAGCTCTGTGCACTGG 1812
Db 1 GAGTCTGTATGCACTGG 18

RESULT 645
AX809695
LOCUS AX809695 18 bp DNA linear PAT 25-NOV-2003
DEFINITION Sequence 157 from Patent WO03052099.
ACCESSION AX809695
VERSION AX809695.1 GI:38523850
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1
Chen, T., Li, J. and Chen, T.M.
TITLE Methods of parallel gene cloning and analysis
JOURNAL Patent: WO 03052099-A 157 26-JUN-2003;
CHEN, Tao (CA) ; Li, Jinghan (CA)

FEATURES
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="sample primers"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1795 GAGCTGTGTGCACTGG 1812
|||||
1 GAGTCTGTATGCACTGG 18

RESULT 646
BD073241 18 bp DNA linear PAT 27-AUG-2002
LOCUS
DEFINITION Modified factor and composition influencing the dorsal tissue.
ACCESSION BD073241
VERSION BD073241.1 GI:22618844
KEYWORDS JP 2001510044-A/11.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Stahl,N., Harland,R.M. and Economides,A.N.
TITLE Modified factor and composition influencing the dorsal tissue
JOURNAL Patient: JP 2001510044-A 11 31-JUL-2001;
REGENERON PHARMACEUTICALS INC, THE REGENTS OF THE UNIVERSITY OF
CALIFORNIA
OS Artificial Sequence
PN JP 2001510044-A/11
PD 31-JUL-2001
PE 17-JUL-1998 JP 2000503202
PR 17-JUL-1997 US 08/897236
PI NEIL STAHL, RICHARD M HARLAND, ARIS N ECONOMIDES PC
C12N15/09,A61K38/00,A61P19/08,C07K14/52,C12N1/15,C12N1/19, PC
C12N1/21,
PC C12N5/10,C12N15/00,A61K37/02,C12N5/00
CC Description of Artificial Sequence:primer
FH Key Location/Qualifiers
FT source 1. .18
FT Location/Qualifiers
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source
1. .18
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 748 CAGATGGGCTGAGTCA 765
|||||
1 CAGATGGGCTGAGTCA 18

RESULT 647
BD088360 18 bp DNA linear PAT 27-AUG-2002
LOCUS
DEFINITION A method of arraying genome clone.
ACCESSION BD088360
VERSION BD088360.1 GI:22633970
KEYWORDS JP 2001321190-A/604.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Soeda,E.
TITLE A method of arraying genome clone

JOURNAL
Patent: JP 2001321190-A 604 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTEC
OS Artificial Sequence
PN JP 2001321190-A/604
PD 20-NOV-2001
PE 12-MAR-2001 JP 2001068285
PI EIICHI SOEDA
PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
C12N15/00,
PC C12N15/00
CC Description of Artificial Sequence:Synthetic DNA FH Key
Location/Qualifiers
FT source 1. .18
FT Location/Qualifiers
FEATURES
source
1. .18
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
1. .18
/note="reverse primer for human STS sts-stSG26879 at 1p36
sts-stSG26879 obtained from clones B313L13, B244M15,
dJ89003, Human BAC library RBC1-11"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4003 GTGAGCTGTGCACTC 4020
|||||
18 GTGAGCTGTGCACTC 1

RESULT 648
AB067907 18 bp DNA linear SYN 21-MAY-2003
LOCUS
DEFINITION Synthetic construct DNA, reverse primer for human STS sts-stSG26879
at 1p36.
ACCESSION AB067907
VERSION AB067907.1 GI:15128711
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,
Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mitsuhashi,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
and Soeda,E.
A BAC-based STS-content map spanning a 35-Mb region of human
chromosome 1p35-p36
JOURNAL Genomics 74 (1), 55-70 (2001)
MEDLINE 21269192
PUBMED 11374902
REFERENCE 2 (bases 1 to 18)
AUTHORS Horii,A.
TITLE Direct Submission
JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
Location/Qualifiers
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source
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/organism="synthetic construct"
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sts-stSG26879 obtained from clones B313L13, B244M15,
dJ89003, Human BAC library RBC1-11"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4003 GTGAGCTGTGCACTC 4020

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RESULT 649					
LOCUS	AR074770		19 bp	DNA	linear PAT 28-AUG-2000
DEFINITION	Sequence	67 from patent US 5955276.			
ACCESSION	AR074770				
VERSION	AR074770.1	GI:10001523			
KEYWORDS	.				
SOURCE	Unknown.				
ORGANISM	Unknown.				
REFERENCE	Unclasiified.				
AUTHORS	1 (bases 1 to 19)				
TITLE	Morganite,M. and Vogel,J.Marie.				
JOURNAL	Compound microsatellite primers for the detection of genetic polymorphisms				
FEATURES	Patent: US 5955276-A 67 21-SEP-1999;				
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RESULT 650					
LOCUS	BD175454		19 bp	DNA	linear PAT 18-MAR-2003
DEFINITION	Secretory and transmembrane polypeptide and nucleic acid encoding				
ACCESSION	BD175454				
VERSION	BD175454.1	GI:29121152			
KEYWORDS	JP 2002253280-A/236.				
SOURCE	synthetic construct				
ORGANISM	synthetic construct				
REFERENCE	artificial sequences.				
AUTHORS	1 (bases 1 to 19)				
TITLE	Wood,W.I., Gurney,A.L., Goddard,A., Penrice,D., Zheng,J. and Yuan,J.				
JOURNAL	Secretory and transmembrane polypeptide and nucleic acid encoding				
COMMENT	the same.				
	Patent: JP 2002253280-A 236 10-SEP-2002;				
	GENENTECH INC				
	OS Artificial Sequence				
	PN JP 2002253280-A/236				
	PD 10-SEP-2002				
	PF 18-DEC-2001 JP 2001385319				
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	17-SEP-1997 US 60/059122,17-SEP-1997 US 60/059121 PR				
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	18-SEP-1997 US 60/059119,18-SEP-1997 US 60/059263 PR				
	18-SEP-1997 US 60/059266,15-OCT-1997 US 60/062125 PR				
	17-OCT-1997 US 60/062287,11-OCT-1997 US 60/062285 PR				
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	24-OCT-1997 US 60/062814,24-OCT-1997 US 60/063127 PR				
	24-OCT-1997 US 60/063120,24-OCT-1997 US 60/063121 PR				
	24-OCT-1997 US 60/063045,24-OCT-1997 US 60/063128 PR				
	27-OCT-1997 US 60/063328,27-OCT-1997 US 60/063327 PR				
	28-OCT-1997 US 60/063549,28-OCT-1997 US 60/063541 PR				
	28-OCT-1997 US 60/063550,28-OCT-1997 US 60/063542 PR				
	28-OCT-1997 US 60/063544,28-OCT-1997 US 60/063564 PR				
	29-OCT-1997 US 60/063734,29-OCT-1997 US 60/063738 PR				
	29-OCT-1997 US 60/063704,29-OCT-1997 US 60/063435 PR				
	29-OCT-1997 US 60/064215,29-OCT-1997 US 60/063735 PR				
	29-OCT-1997 US 60/063737,31-OCT-1997 US 60/064103 PR				

LOCUS	DEFINITION	ACCESSION	VERSION	KEYWORDS	SOURCE	ORGANISM	REFERENCE	AUTHORS	TITLE	JOURNAL	FEATURES	source
RESULT 651												
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Best Local Similarity	88.9%; Pred. No. 6e+02; 2; Indels											
Matches	16; Conservative 0; Mismatches 2; Gaps 0;											
QY	842 CTCCAGCGCAACCACT 859											
Db	19 CTCCAGCGCAACCACT 2											
Query Match	0.3%; Score 14.8; DB 1; Length 19;											
Best Local Similarity	88.9%; Pred. No. 6e+02; 2; Indels											


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DEFINITION Sequence 32 from Patent EP1405921.
ACCESSION CO796060
VERSION CO796060.1 GI:46407890
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Mirel,D.B., Erlich,H.A., Bugawan,T.L., Noble,J.A. and Valdez,A.M.
TITLE Detection of susceptibility to autoimmune diseases, especially type 1 diabetes
JOURNAL Patent: EP 1405921-A 32 07-APR-2004;
Roche Diagnostics GmbH (DE); F. HOFMANN-LA ROCHE AG (CH)
FEATURES
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/organism="synthetic construct"
/mol_type="unassigned DNA"
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/notes="Description of artificial sequence: Amplicon primer"

Query Match
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Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3965 CAGGGCCTCTGCTGACCA 3982
Db 2 CTGGGCTCTGCTGCTCA 19

RESULT 653
LOCUS CO800912 19 bp DNA linear PAT 05-MAY-2004
DEFINITION Sequence 85 from Patent WO2004031410.
ACCESSION CO800912
VERSION CO800912.1 GI:47057706
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Nakamura,Y. and Katagiri,T.
TITLE Method for diagnosing testicular seminomas
JOURNAL Patent: WO 2004031410-A 85 15-APR-2004;
Oncotherapy Science, Inc. (JP); Japan as represented by the
President of the university o f Tokyo (JP)
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/db_xref="taxon:32630"
/notes="A target sequence for siRNA"

Query Match
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Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5427 GAATAGAGTACTTAC 5444
Db 18 GAATAGAGTCTCTAC 1

RESULT 654
LOCUS E40068 19 bp DNA linear PAT 31-JAN-2002
DEFINITION Drug containing anti-Fas antibody.
ACCESSION E40068
VERSION E40068.1 GI:18627184
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 19)

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AUTHORS Serizawa,N., Haruyama,H., Takahashi,W., Yoshida,H., Ichikawa,K.,
Okuma,J., Otsuki,M., Shiraishi,A. and Yonehara,S.
TITLE Drug containing anti-Fas antibody
JOURNAL Patent: JP 2000169393-A 65 20-JUN-2000;
SANKYO CO LTD
COMMENT OS Artificial Sequence
PN JP 2000169393-A/65
PD 20-JUN-2000
PF 30-SEP-1999 JP 1999278301
PR
PI NOBUKI SERIZAWA,HIDEYUKI HARUYAMA,WATARU TAKAHASHI, PI
HIROKO YOSHIDA,
PI KIMIHISA ICHIKAWA,JUN OKUMA,MASAHICO OTSUKI,AKIO SHIRAISHI, PI
SHIN YONEHARA
PC A61K39/395,A61K39/00,A61P1/16,A61P7/06,A61P9/00, PC
A61P9/10,
PC A61P13/12,A61P31/18,A61P37/06,C12N5/10,C12N15/02,C12N15/09, PC
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Db 1 GCCTGACATCTGAGACT 18

RESULT 655
LOCUS E40069 19 bp DNA linear PAT 31-JAN-2002
DEFINITION Drug containing anti-Fas antibody.
ACCESSION E40069
VERSION E40069.1 GI:18627185
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Serizawa,N., Haruyama,H., Takahashi,W., Yoshida,H., Ichikawa,K.,
Okuma,J., Otsuki,M., Shiraishi,A. and Yonehara,S.
TITLE Drug containing anti-Fas antibody
JOURNAL Patent: JP 2000169393-A 66 20-JUN-2000;
SANKYO CO LTD
COMMENT OS Artificial Sequence
PN JP 2000169393-A/66
PD 20-JUN-2000
PF 30-SEP-1999 JP 1999278301
PR
PI NOBUKI SERIZAWA,HIDEYUKI HARUYAMA,WATARU TAKAHASHI, PI
HIROKO YOSHIDA,
PI KIMIHISA ICHIKAWA,JUN OKUMA,MASAHICO OTSUKI,AKIO SHIRAISHI, PI
SHIN YONEHARA
PC A61K39/395,A61K39/00,A61P1/16,A61P7/06,A61P9/00, PC
A61P9/10,
PC A61P13/12,A61P31/18,A61P37/06,C12N5/10,C12N15/02,C12N15/09, PC
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PC C07K16/28,C12N5/00,C12N15/00,C12N15/00
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QY 3065 GCCTCAGCTGAGACT 3082
DB 19 GCCTGACATCTGAGACT 2

RESULT 656
LOCUS E40876 19 bp DNA linear PAT 31-JUN-2002
DEFINITION Humanized anti-Fas antibody.
ACCESSION E40876
VERSION E40876.1 GI:18627453
KEYWORDS JP 2000166574-A/65.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 19)
AUTHORS Serizawa,N., Haryuama,H., Nakahara,K. and Tamaki,I.
TITLE Humanized anti-Fas antibody
JOURNAL Patent: JP 2000166574-A 65 20-JUN-2000;
SANKYO CO LTD

COMMENT OS Artificial Sequence
PN JP 2000166574-A/65
PD 20-JUN-2000
PF 29-SEP-1999 JP 1999275441
PR NOBUKI SERIZAWA,HIDEYUKI HARYUAMA,KOORI NAKAHARA,IKUO TAMAKI
PC C12N15/09,A61K39/00,A61K39/395,A61P37/02,A61P43/00,
PC C07K16/18,
PC C12N1/21,C12N5/10,C12P21/08//C12N1/21,C12R1.19,C12N15/00,PC
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Best Local Similarity 88.9%; Pred. No. 6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3065 GCCTCAGCTGAGACT 3082
DB 1 GCCTGACATCTGAGACT 18

RESULT 657
LOCUS E40877/c 19 bp DNA linear PAT 31-JUN-2002
DEFINITION Humanized anti-Fas antibody.
ACCESSION E40877
VERSION E40877.1 GI:18627454
KEYWORDS JP 2000166574-A/66.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 19)
AUTHORS Serizawa,N., Haryuama,H., Nakahara,K. and Tamaki,I.
TITLE Humanized anti-Fas antibody
JOURNAL Patent: JP 2000166574-A 66 20-JUN-2000;
SANKYO CO LTD
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COMMENT OS Artificial Sequence
PN JP 2000166574-A/66
PD 20-JUN-2000
PF 29-SEP-1999 JP 1999275441
PR NOBUKI SERIZAWA,HIDEYUKI HARYUAMA,KOORI NAKAHARA,IKUO TAMAKI
PC C12N15/09,A61K39/00,A61K39/395,A61P37/02,A61P43/00,
PC C07K16/18,
PC C12N1/21,C12N5/10,C12P21/08//C12N1/21,C12R1.19,C12N15/00,PC
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CC
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JOURNAL Location/Qualifiers
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FEATURES
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Best Local Similarity 88.9%; Pred. No. 6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3065 GCCTCAGCTGAGACT 3082
DB 1 GCCTGACATCTGAGACT 18

RESULT 658
LOCUS E43422 19 bp DNA linear PAT 31-JUN-2002
DEFINITION Humanized anti-Fas antibody.
ACCESSION E43422
VERSION E43422.1 GI:18627688
KEYWORDS JP 2000166573-A/65.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 19)
AUTHORS Takahashi,W., Haryuama,H. and Serizawa,N.
TITLE Humanized anti-Fas antibody
JOURNAL Patent: JP 2000166573-A 65 20-JUN-2000;
SANKYO CO LTD

COMMENT OS Artificial Sequence
PN JP 2000166573-A/65
PD 20-JUN-2000
PF 29-SEP-1999 JP 1999275440
PR WATARU TAKAHASHI,HIDEYUKI HARYUAMA,NOBUKI SERIZAWA,PC
C12N15/09,A61K38/00,A61K39/00,A61K39/395,A61P37/00,PC
A61P43/00,
PC C07K16/28,C12N1/21,C12N5/10,C12N15/02,C12P21/08//C12P21/08,
PC C12R1.91,A61K37/02,C12N5/00,C12N15/00
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JOURNAL Location/Qualifiers
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Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3065 GCCTCAGCTGAGACT 3082
DB 1 GCCTGACATCTGAGACT 18
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RESULT 659
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LOCUS E43423 19 bp DNA linear PAT 31-JAN-2002
DEFINITION Humanized anti-Fas antibody.
ACCESSION E43423
VERSION E43423.1 GI:18627689
KEYWORDS JP 2000166573-A/66.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 19)
AUTHORS Takahashi, W., Haryama, H. and Serizawa, N.
TITLE Humanized anti-Fas antibody
JOURNAL Patent: JP 2000166573-A 66 20-JUN-2000;
SANKYO CO LTD
COMMENT OS Artificial Sequence
PN JP 2000166573-A/66
PD 20-JUN-2000
PE 29-SEP-1999 JP 1999275440
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FI WATARU TAKAHASHI, HIDEYUKI HARYAMA, NOBUKI SERIZAWA PC
C12N15/09,A61K38/00,A61K39/395,A61K39/395,A61P37/00, PC
A61P43/00,
PC C07K16/28,C12N1/21,C12N5/10,C12N15/02,C12P21/08/(C12P21/08,
PC C12R1/91),
PC C12N15/00,A61K37/02,C12N5/00,C12N15/00
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/mol_type="genomic DNA"
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Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3065 GCCTCAGCTGAGACT 3082
DB 19 GCCTGACATCTGAGACT 2

RESULT 660
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LOCUS AR233774 19 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 136 from patent US 6458536.
ACCESSION AR233774
VERSION AR233774.1 GI:27276398
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Gatti, R.A.
TITLE Modified SSCP method using sequential electrophoresis of multiple
nucleic acid segments
JOURNAL Patent: US 6458536-A 136 01-OCT-2002;
FEATURES Location/Qualifiers
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QY 5213 GTGATTCCTTGCTTGT 5230
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AR410833
LOCUS AR410833 19 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 286 from patent US 6635468.
ACCESSION AR410833
VERSION AR410833.1 GI:40162333
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Ashkenazi, A., Botstein, D., Desnoyers, L., Eaton, D.L., Ferrara, N.,
Filvaroff, E., Fong, S., Gao, W.-O., Gerber, H., Gerritsen, M.E.,
Goddard, A., Godowski, P.J., Grimaldi, J.C., Gurney, A.L., Hillan, K.J.,
Klajavin, I.J., Mather, J.P., Pan, J., Paoni, N.F., Roy, M.A.,
Stewart, T.A., Tumas, D., Williams, P.M. and Wood, W.I.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding
the same
JOURNAL Patent: US 6635468-A 286 21-OCT-2003;
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QY 2099 CCTGCAGTTGCTGATGC 2116
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RESULT 662
AR439197
LOCUS AR439197 19 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 286 from patent US 6664376.
ACCESSION AR439197
VERSION AR439197.1 GI:42665046
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Ashkenazi, A., Botstein, D., Desnoyers, L., Eaton, D.L., Ferrara, N.,
Filvaroff, E., Fong, S., Gao, W.-O., Gerber, H., Gerritsen, M.E.,
Goddard, A., Godowski, P.J., Grimaldi, J.C., Gurney, A.L., Hillan, K.J.,
Klajavin, I.J., Mather, J.P., Pan, J., Paoni, N.F., Roy, M.A.,
Stewart, T.A., Tumas, D., Williams, P.M. and Wood, W.I.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding
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JOURNAL Patent: US 6664376-A 286 16-DEC-2003;
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Best Local Similarity 88.9%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2099 CCTGCAGTTGCTGATGC 2116
DB 2 CCTGCAGTTGCTGATGC 19

RESULT 663
AR444868
LOCUS AR444868 19 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 90 from patent US 6670465.
ACCESSION AR444868

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VERSION AR444868.1 GI:42672727
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 19)
AUTHORS Bech-Hansen,T. and Naylor,M.J.
TITLE Retinal calcium channel (alpha)1F-subunit gene
JOURNAL Patent: US 6670465-A 90 30-DEC-2003;
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Best Local Similarity 88.9%; Pred. No. 6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1432 GTGAGAGAGATCGAGGA 1449
DB 19 GTGAGAGAGATCGAGGA 2

RESULT 664
AR473217
LOCUS AR473217 19 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 286 from patent US 6686451.
ACCESSION AR473217
VERSION AR473217.1 GI:42708592
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 19)
AUTHORS Desnoyers,L., Goddard,A., Godowski,P.J., Gurney,A.L., Mather,J.P.,
  Williams,P.M. and Wood,W.I.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding
  the same
JOURNAL Patent: US 6686451-A 286 03-FEB-2004;
FEATURES
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Query Match
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Best Local Similarity 88.9%; Pred. No. 6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2099 CCTGCACCTGGCTGATGC 2116
DB 2 CCTGCAGTTTCCTGATGC 19

RESULT 665
AX252279/c
LOCUS AX252279 19 bp DNA linear PAT 05-OCT-2001
DEFINITION Sequence 5 from Patent WO0168147.
ACCESSION AX252279
VERSION AX252279.1 GI:15985621
KEYWORDS
SOURCE
  Homo sapiens (human)
ORGANISM
  Homo sapiens
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
  1 Bianchi,N., Pericotto,G., Gambati,R. and Mischiat,C.
  Synthetic oligonucleotides as inducers of erythroid differentiation
  Patent: WO 0168147-A 5 20-SEP-2001;
  Universita' Degli Studi di Ferrara (IT) ; ASSOCIAZIONE VENETA PER
  LA LOTTA ALLA TALASSEMIA (IT) ; ASSOCIAZIONE PER LA LOTTA ALLA
  TALASSEMIA DI FERRARA (IT) ; CHIESI FARMACEUTICI S.p.A. (IT)
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/organism="Homo sapiens"
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/db_xref="taxon:9606"

Query Match
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Best Local Similarity 88.9%; Pred. No. 6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5403 AAAAAAGAAAAATGAAA 5420
DB 19 AAAAAAGAAAAAGAGAAA 2

RESULT 666
AX259212/c
LOCUS AX259212 19 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 10 from Patent WO0173087.
ACCESSION AX259212
VERSION AX259212.1 GI:16508458
KEYWORDS
SOURCE
  synthetic construct
ORGANISM
  synthetic construct
  artificial sequences.
REFERENCE
  1 Hohn,T., Stավոlone,L., de Haan,P.T., Ligou,H.T. and Kononova,M.
  Cestrurn yellow leaf curling virus promoters
  Patent: WO 0173087-A 10 04-OCT-2001;
  Syngenta Participations AG (CH)
FEATURES
  source
    1..19
    /organism="synthetic construct"
    /mol_type="unassigned DNA"
    /db_xref="taxon:32630"
    /note="Oligonucleotide"

Query Match
  0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1071 GGGAGCTGGGAGATCCC 1088
DB 19 GGGAGATTGGGAGATCCC 2

RESULT 667
AX326952
LOCUS AX326952 19 bp DNA linear PAT 07-JAN-2002
DEFINITION Sequence 148 from Patent WO0178894.
ACCESSION AX326952
VERSION AX326952.1 GI:18097663
KEYWORDS
SOURCE
  synthetic construct
ORGANISM
  synthetic construct
  artificial sequences.
REFERENCE
  1 Ketch,T.
  Novel human gene relating to respiratory diseases, obesity, and
  inflammatory bowel disease
  Patent: WO 0178894-A 148 25-OCT-2001;
  Genome Therapeutics Corp. (US)
FEATURES
  source
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    /note="Primer"

Query Match
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Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4145 AAAACCCAGCTTCGCC 4162
DB 11 AAAACCCAGCTTCGCC 11
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Db 1 AAAGCAGAGCTTCTCCC 18

RESULT 668
LOCUS AX329290
DEFINITION Sequence 26 from Patent WO0194387.
ACCESSION AX329290
VERSION AX329290.1 GI:18102305
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Kirchhoff, C. and Iwells, R.
TITLE EpiIdDyM-S-specific proteins with fibronectin type II modules
JOURNAL Patent: WO 0194387-A 26 13-DEC-2001;
IHF INSTITUT FUER HORMON- UND FORTEPFLANZUNGSFORSCHUNG GmbH (DE)
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source 1..19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="CE12 Primer"

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 2;

QY 333 CTGGCTTTCTCTACACT 350
Db 19 CTGGCTTTCTCTGCACT 2

RESULT 669
LOCUS AX440559
DEFINITION Sequence 63 from Patent WO0206529.
ACCESSION AX440559
VERSION AX440559.1 GI:21665360
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Germino, G.G., Wainick, T.J. and Phakdeekitcharoen, B.
TITLE Detection and treatment of polycystic kidney disease
JOURNAL Patent: WO 0206529-A 63 24-JAN-2002;
The Johns Hopkins University School of Medicine (US)
FEATURES
source 1..19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR primer 13R"

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 2;

QY 3276 TAGTGCAGGCCGAGCCT 3293
Db 19 TTGTCCAGCCGAGCCT 2

RESULT 670
LOCUS AX697695
DEFINITION Sequence 286 from Patent WO0104311.
ACCESSION AX697695
VERSION AX697695.1 GI:29498779
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS
TITLE
JOURNAL
FEATURES
source 1..19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Oligonucleotide Probe"

ORGANISM
synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Ashkenazi, A.J., Botstein, D., Desnoyers, L., Eaton, D.L., Ferrara, N.,
Filvaroff, E., Fong, S., Gao, W.Q., Gerner, H., Gertlisen, M.E.,
Goddard, A., Godowski, P.J., Grimaldi, C.J., Gurney, A.L., Hillan, K.J.,
Kjilavik, I.J., Mather, J.P., Pan, J., Paoletti, N.F., Roy, M.A.,
Stewart, T.A., Thomas, D., Williams, P.M. and Wood, M.I.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding
JOURNAL Patent: WO 0104311-A 286 18-JAN-2001;
Genentech Inc. (US)
FEATURES
source 1..19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Oligonucleotide Probe"

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 2;

QY 2099 CCTGCACCTGCTGATGC 2116
Db 2 CCTGCACCTGCTGATGC 19

RESULT 671
LOCUS AX698543
DEFINITION Sequence 32 from Patent WO03010335.
ACCESSION AX698543
VERSION AX698543.1 GI:29499371
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Mirel, D.B., Erlich, H.A., Bugawan, T.L., Noble, J.A. and Valdez, A.M.
TITLE 11-4 receptor sequence variation associated with type 1 diabetes
JOURNAL Patent: WO 03010335-A 32 06-FEB-2003;
Roche Diagnostics GmbH (DE) / F. HOFMANN-LA ROCHE AG (CH)
FEATURES
source 1..19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 2;

QY 3965 CAGGGCTCTGCTGACA 3982
Db 2 CTGGGCTCTGCTGCTCA 19

RESULT 672
LOCUS AX769415
DEFINITION Sequence 532 from Patent WO0208917.
ACCESSION AX769415
VERSION AX769415.1 GI:32437233
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Guo, X., Fernandez, E., Li, L., Kekuda, R., Liu, Y., Leite, M.,
Spytek, K.A., Ji, W., Casman, S.J., Boldog, P.L., Patturajan, M.,
Verne, C.A., Ballinger, R.A., Malyanar, U.M., Tchener, V.T.,

TITLE
JOURNAL
Blalock,A.D., Gusev,V.Y., Rastelli,L., Mezes,P.D., Ellerman,K.,
Heyes,M., Herrmann,J.L., Shinkels,R.A., Iolme,N., Pena,C.E.,
Shenoy,S.G., Taupier,R.J., Gerlach,V. and Gorman,L.
Human proteins and nucleic acids encoding same
Patent: WO 02098917-A 532 12-DEC-2002;
Curegen Corporation (US)

FEATURES
source
Location/Qualifiers
1..19

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/note="PCR Primer sequence"

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3285 CCCCAGCTGAGAGAGCT 3302
DB 1 CCCCAGCTGAGAGAGAT 18

RESULT 673
AX804055/c
LOCUS AX804055 19 bp DNA linear PAT 25-NOV-2003
DEFINITION Sequence 223 from Patent WO03060160.
ACCESSION AX804055
VERSION AX804055.1 GI:38521190

KEYWORDS
SOURCE
ORGANISM
Oreochromis niloticus (Nile tilapia)
Oreochromis niloticus
Bukariyota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Actinopterygii; Neopterygii; Teleostei; Euteleostei;
Acanthomorpha; Acanthopterygii; Percomorpha; Perciformes;
Labroidae; Cichlidae; Oreochromis.

REFERENCE
AUTHORS
TITLE
Lie,Y., Sletten,A., Hoeyum,M. and Lingaas,F.
Verification of food origin based on nucleic acid pattern
recognition
Patent: WO 03060160-A 223 24-JUL-2003;
Genomar ASA (NO)

FEATURES
source
Location/Qualifiers
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/organism="Oreochromis niloticus"
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/db_xref="taxon:8128"

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3438 GGCCCTGAGAGAGAA 3455
DB 18 GTCCAGAGAGAGAGAA 1

RESULT 674
AX814090/c
LOCUS AX814090 19 bp DNA linear PAT 05-DEC-2003
DEFINITION Sequence 13 from Patent EP1334979.
ACCESSION AX814090
VERSION AX814090.1 GI:39103392

KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE
AUTHORS
TITLE
JOURNAL
Kweek-en Researchbedrijf Agrico B.V. (NL)
Location/Qualifiers
1
van der Vossen,E.A. and Allers,J.J.
Gene conferring resistance to phytophthora infestans (late-blight)
in Solanaceae
Patent: EP 1334979-A 13 13-AUG-2003;
Kweek-en Researchbedrijf Agrico B.V. (NL)

source

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/db_xref="taxon:32630"
/note="Description of Artificial Sequence: forward primer"

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3995 CTGAGCTGTGAGACTG 4012
DB 18 CTGAGCTGTGAGACTG 1

RESULT 675
AX816309/c
LOCUS AX816309 19 bp DNA linear PAT 09-DEC-2003
DEFINITION Sequence 26 from Patent WO03066675.
ACCESSION AX816309
VERSION AX816309.1 GI:39646800

KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE
AUTHORS
TITLE
JOURNAL
Allefs,J.J. and van der Vossen,E.A.
Gene conferring resistance to phytophthora infestans (late-blight)
in Solanaceae
Patent: WO 03066675-A 26 14-AUG-2003;
Kweek-en Researchbedrijf Agrico B.V. (NL)
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence: forward primer"

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3995 CTGAGCTGTGAGACTG 4012
DB 18 CTGAGCTGTGAGACTG 1

RESULT 676
BD075603
LOCUS BD075603 19 bp DNA linear PAT 27-AUG-2002
DEFINITION Secretory and transmembrane polypeptide and nucleic acid encoding
the same.
BD075603
ACCESSION BD075603.1 GI:22621206
VERSION JP 2001516580-A/236.

KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE
AUTHORS
TITLE
JOURNAL
Wood,W.I., Gurney,A.L., Goddard,A., Penica,D., Chen,J. and Yuan,J.
Secretory and transmembrane polypeptide and nucleic acid encoding
the same
Patent: JP 2001516580-A 236 02-OCT-2001;
GENENTECH INC

COMMENT
OS Artificial Sequence
PN JP 2001516580-A/236
PD 02-OCT-2001
PR 16-SEP-1998 JP 2000511867 60/059115,17-SEP-1997 US 60/059184 PR
17-SEP-1997 US 60/059122,17-SEP-1997 US 60/059117 PR
17-SEP-1997 US 60/059113,17-SEP-1997 US 60/059263 PR
17-SEP-1997 US 60/059119,18-SEP-1997 US 60/059263 PR
18-SEP-1997 US 60/059266,15-OCT-1997 US 60/062125 PR

17-OCT-1997 US 60/062287,17-OCT-1997 US 60/062285 PR
21-OCT-1997 US 60/063486,24-OCT-1997 US 60/063486 PR
24-OCT-1997 US 60/062814,24-OCT-1997 US 60/063127 PR
24-OCT-1997 US 60/063120,24-OCT-1997 US 60/063121 PR
24-OCT-1997 US 60/063045,24-OCT-1997 US 60/063128 PR
27-OCT-1997 US 60/063329,27-OCT-1997 US 60/063541 PR
28-OCT-1997 US 60/063549,28-OCT-1997 US 60/063542 PR
28-OCT-1997 US 60/063550,28-OCT-1997 US 60/063564 PR
28-OCT-1997 US 60/063544,28-OCT-1997 US 60/063738 PR
29-OCT-1997 US 60/063704,29-OCT-1997 US 60/063435 PR
29-OCT-1997 US 60/064215,29-OCT-1997 US 60/063735 PR
29-OCT-1997 US 60/064103,31-OCT-1997 US 60/063870 PR
30-OCT-1997 US 60/064248,07-NOV-1997 US 60/064809 PR
12-NOV-1997 US 60/065144,17-NOV-1997 US 60/065846 PR
18-NOV-1997 US 60/065693,21-NOV-1997 US 60/066120 PR
21-NOV-1997 US 60/066364,24-NOV-1997 US 60/066772 PR
24-NOV-1997 US 60/066466,24-NOV-1997 US 60/066770 PR
25-NOV-1997 US 60/066511,24-NOV-1997 US 60/066453 PR
60/066840
PI JEAN CHEN,
PI WILLIAM I WOOD,AUSTIN L GURNEY,AUDLEY GODDARD,DIANE PENICA, PI
PI JEAN TUAN
PC C12N15/09,C07K14/47,C07K14/705,C07K16/18,C07K16/28,C07K19/00,
PC C12N1/19,
PC C12N1/21,C12N5/10,C12P21/02,C12P21/08,C12Q1/02//C12P21/08, PC
C12R1/91//
PC C12N15/00,C12N5/00
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Location/Qualifiers
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1. .19
Location/Qualifiers
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Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2099 CCTGCACCTGCTGATGC 2116
|||||
Db 2 CCTGCACCTGCTGATGC 19

RESULT 677
BD090605 19 bp DNA linear PAT 27-AUG-2002
LOCUS Drug containing humanized anti-Fas antibody.
DEFINITION
ACCESSION BD090605
VERSION BD090605.1 GI:22636215
KEYWORDS JP 2001342148-A/65.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1 (bases 1 to 19)
REFERENCE Serizawa,N., Haruyama,H., Nakahara,K. and Tamaki,I.
Drug containing humanized anti-Fas antibody
Patent: JP 2001342148-A 65 11-DEC-2001;
JOURNAL SANKYO CO LTD
OS Artificial Sequence
PN JP 2001342148-A/65
PD 11-DEC-2001
PF 28-MAR-2001 JP 2001093106
PI NOBUFUSA SERIZAWA,HIDEYUKI HARUYAMA,KAORI NAKAHARA,IKUKO PI
TAMAKI
PC A61K39/395,A61K38/00,A61P1/16,A61P7/06,A61P9/00,A61P10/10, PC
A61P13/12,
PC A61P19/02,A61P29/00,A61P37/06,A61P37/08,A61P43/00//
PC C12N15/09,
PC A61K37/02,C12N15/00

CC Description of Artificial Sequence: Sequencing primer for a
CC DNA encoding
CC the heavy chain of a humanized anti-Fas antibody FH Key
Location/Qualifiers
FT source 1. .19 /organism='Artificial Sequence'.
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/organism="synthetic construct"
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Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3065 GCCTCAGCTGAGGACT 3082
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Db 19 GCCTCAGCTGAGGACT 2

RESULT 679
BD090714 19 bp DNA linear PAT 27-AUG-2002
LOCUS Drug containing humanized anti-Fas antibody.
DEFINITION
ACCESSION BD090714

VERSION BD090714.1 GI:22636324
KEYWORDS JP 2001342149-A/65.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 19)
AUTHORS Takahashi,W., Haryuma,H. and Serizawa,N.
TITLE Drug containing humanized anti-Fas antibody
JOURNAL Patent: JP 2001342149-A 65 11-DEC-2001;
SANKYO CO LTD
COMMENT OS Artificial Sequence
PN JP 2001342149-A/65
PD 11-DEC-2001
PF 28-MAR-2001 JP 2001093243
PI WATARU TAKAHASHI,HIDEYUKI HARUYAMA,NOBUFUSA SERIZAWA PC
A61K39/395,A61K39/395,A61P1/16,A61P7/06,A61P9/00,A61P9/10, PC
A61P13/12,
PC A61P17/00,A61P31/14,A61P31/18,A61P31/20,A61P37/00,A61P37/06,
PC A61P37/08,
PC A61P43/00//C12N15/02,C12N15/00
CC Description of Artificial Sequence: Sequencing primer for a
CC DNA encoding
CC the heavy chain of a humanized anti-Fas antibody FH Key
FT source 1..19
FEATURES Location/Qualifiers
source 1..19
/organism="Artificial Sequence".
Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 3065 GCCTCAGCTGAGGACT 3082
Db 1 GCCTGACATCTGAGGACT 18
RESULT 680
BD090715/C 19 bp DNA linear PAT 27-AUG-2002
LOCUS Drug containing humanized anti-Fas antibody.
DEFINITION BD090715
ACCESSION BD090715.1 GI:22636325
VERSION JP 2001342149-A/66.
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 19)
AUTHORS Takahashi,W., Haryuma,H. and Serizawa,N.
TITLE Drug containing humanized anti-Fas antibody
JOURNAL Patent: JP 2001342149-A 66 11-DEC-2001;
SANKYO CO LTD
COMMENT OS Artificial Sequence
PN JP 2001342149-A/66
PD 11-DEC-2001
PF 28-MAR-2001 JP 2001093243
PI WATARU TAKAHASHI,HIDEYUKI HARUYAMA,NOBUFUSA SERIZAWA PC
A61K39/395,A61K39/395,A61P1/16,A61P7/06,A61P9/00,A61P9/10, PC
A61P13/12,
PC A61P17/00,A61P31/14,A61P31/18,A61P31/20,A61P37/00,A61P37/06,
PC A61P37/08,
PC A61P43/00//C12N15/02,C12N15/00
CC Description of Artificial Sequence: Sequencing primer for a
CC DNA encoding
CC the heavy chain of a humanized anti-Fas antibody FH Key
FT source 1..19
FEATURES Location/Qualifiers
source 1..19
/organism="Artificial Sequence".

source 1..19
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 3065 GCCTCAGCTGAGGACT 3082
Db 19 GCCTGACATCTGAGGACT 2
RESULT 681
BD095044/C 19 bp DNA linear PAT 27-AUG-2002
LOCUS GASC1gene.
DEFINITION BD095044
ACCESSION BD095044.1 GI:22640632
VERSION JP 2001352985-A/5.
KEYWORDS unidentified
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 19)
AUTHORS Inagawa,J. and Imoto,Y.
TITLE GASC1gene
JOURNAL Patent: JP 2001352985-A 5 25-DEC-2001;
OTSUKA PHARMACEUTICAL CO LTD
COMMENT OS Unidentified
PN JP 2001352985-A/5
PD 25-DEC-2001
PF 12-JUN-2000 JP 2000174946
PI JOJI INASAWA,YASUNARI IMOTO
PC C12N15/09,A61K39/395,A61K39/395,A61K48/00,A61P35/00,C07K14/82,
PC C07K16/32,
PC C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12Q1/68//C12P21/02,C12P21/08,
PC C12N15/00,C12N5/00
CC Primer wif
CC Key
FH key
FT source 1..19
FEATURES Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 495 CAGACACCTCTTAATC 512
Db 19 CAGACACCTCTTAATC 2
RESULT 682
BD102492 19 bp DNA linear PAT 27-AUG-2002
LOCUS Novel gene related to proliferative glomerulonephritis.
DEFINITION BD102492
ACCESSION BD102492.1 GI:22648066
VERSION WO 0173022-A/140.
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 19)
AUTHORS Takeuchi,K., Sekine,S., Kiyuchi,Y. and Sakurada,K.
TITLE Novel gene related to proliferative glomerulonephritis
JOURNAL Patent: WO 0173022-A 140 04-OCT-2001;

COMMENT KIKUCHI, KAZUHIRO SAKURADA
OS Artificial Sequence
PN WO 0173022-A/140
PD 04-OCT-2001
PF 29-MAR-2001 WO 2001JP002623
PR 29-MAR-2000 JP 00P 90137
PI KYOKO TAKEUCHI, SUSUMU SEKINE, YASUHIRO KIKUCHI, KAZUHIRO PI
SAKURADA
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Matches 16; Conservative 0;

QY 1794 TGAGCTGTGTCGACTG 1811
DB 19 TGGATCGTCTGCACTG 2

RESULT 683
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LOCUS BD102682 19 bp DNA linear PAT 27-AUG-2002
DEFINITION GASTC gene.
ACCESSION BD102682
VERSION BD102682.1 GI:22648256
KEYWORDS WO 0196566-A/5.
SOURCE synthetic construct
ORGANISM artificial sequences.
1 (bases 1 to 19)
REFERENCE Inazawa, J. and Imoto, I.
AUTHORS GASTC gene
TITLE Patent: WO 0196566-A 5 20-DEC-2001;
JOURNAL OTSUKA PHARMACEUTICAL CO LTD, JOJI INAZAWA, ISSEI IMOTO
COMMENT OS Artificial Sequence
PN WO 0196566-A/5
PD 20-DEC-2001
PF 12-JUN-2001 WO 2001JP004959
PR 12-JUN-2000 JP 00P 174946
PI JOJI INAZAWA, ISSEI IMOTO
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Matches 16; Conservative 0;

QY 495 CAGACACCTCTTAATC 512
DB 19 CAGAGACCTCTTAACCC 2

RESULT 684

BD172463
LOCUS BD172463 19 bp DNA linear PAT 18-FEB-2003
DEFINITION Secreted and transmembrane polypeptides and nucleic acids encoding the same.
ACCESSION BD172463
VERSION BD172463.1 GI:28413763
KEYWORDS JP 2002223786-A/236.
SOURCE synthetic construct
ORGANISM artificial sequences.
1 (bases 1 to 19)
REFERENCE Wood, W.I., Gurney, A.L., Goddard, A., Pennica, D., Zheng, J. and Yuan, J.
AUTHORS Secreted and transmembrane polypeptides and nucleic acids encoding the same
TITLE JOURNAL GENENTECH INC
COMMENT OS Artificial Sequence
PN JP 2002223786-A/236
PD 13-AUG-2002
PR 18-DEC-2001 JP 2001385135
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WILLIAM I WOOD, AUSTIN L GURNEY, AUDREY GODDARD, DIANE PENNICA, PI
JIAN ZHENG,
PI JIAN YUAN
PC C12N15/09, C07K14/47, C07K16/18, C07K19/00, C12N1/19, C12N1/21, PC
C12N5/10,
PC C12P21/02, C12P21/08, (C12P21/02, C12R1:19), (C12P21/02, C12R1:91), PC
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QY 2099 CCTGCAGTTCCTGATGC 2116
DB 2 CCTGCAGTTCCTGATGC 19

RESULT 685
BD172782 19 bp DNA linear PAT 18-FEB-2003
LOCUS
DEFINITION Secreted and transmembrane polypeptides and nucleic acids encoding
the same.
BD172782.1 GI:28414086
ACCESSION
VERSION JP 2002238586-A/236.
KEYWORDS
SOURCE synthetic construct
ORGANISM
REFERENCE 1 (bases 1 to 19)
AUTHORS Wood,W.I., Gurney,A.L., Goddard,A., Pennica,D., Zheng,J. and
Yuan,J.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding
the same
JOURNAL Patent: JP 2002238586-A 236 27-AUG-2002;
COMMENT
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PN JP 2002238586-A/236
PD 27-AUG-2002
PF 18-DEC-2001 JP 2001385205
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24-NOV-1997 US 60/066770,24-NOV-1997 US 60/066511 PR
24-NOV-1997 US 60/066453,25-NOV-1997 US 60/066840 PR
WILLIAM I WOOD,AUSTIN L GURNEY,AUDREY GODDARD,DIANE PENNICA, PI
JIAN ZHENG,
PI JEAN YUAN
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QY 2099 CCTGCAGCTTGCTGATGC 2116
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Db
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RESULT 686
BD173101 19 bp DNA linear PAT 18-FEB-2003
LOCUS
DEFINITION Secreted and transmembrane polypeptides and nucleic acids encoding
the same.
BD173101.1 GI:28414410
ACCESSION
VERSION JP 2002238587-A/236.
KEYWORDS
SOURCE synthetic construct
ORGANISM
REFERENCE 1 (bases 1 to 19)
AUTHORS Wood,W.I., Gurney,A.L., Goddard,A., Pennica,D., Zheng,J. and
Yuan,J.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding
the same
JOURNAL Patent: JP 2002238587-A 236 27-AUG-2002;
COMMENT
OS Artificial Sequence
PN JP 2002238587-A/236
PD 27-AUG-2002
PF 18-DEC-2001 JP 2001385248
PR 17-SEP-1997 US 60/059115,17-SEP-1997 US 60/059184 PR
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24-NOV-1997 US 60/066770,24-NOV-1997 US 60/066511 PR
24-NOV-1997 US 60/066453,25-NOV-1997 US 60/066840 PR
WILLIAM I WOOD,AUSTIN L GURNEY,AUDREY GODDARD,DIANE PENNICA, PI
JIAN ZHENG,
PI JEAN YUAN
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QY 2099 CCTGCAGCTTGCTGATGC 2116

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DEFINITION Secreted and transmembrane polypeptides and nucleic acids encoding
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ACCESSION  BD173420
VERSION     BD173420.1
KEYWORDS    GI:28414731
SOURCE      JP 2002238588-A/236.
ORGANISM    synthetic construct.
            artificial sequences.
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REFERENCE   1 (bases 1 to 19)
AUTHORS     Wood, W. I., Gurney, A. L., Goddard, A., Pennica, D., Zheng, J. and
            Yuan, J.
TITLE        Secreted and transmembrane polypeptides and nucleic acids encoding
            the same.
JOURNAL      Patent: JP 2002238588-A 236 27-AUG-2002;
COMMENT      GENENTECH INC
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            JIAN ZHENG,
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Db          2 CCTGACGTTCTCGATGC 19
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RESULT 688
BOVINE14
LOCUS      BOVINE14
DEFINITION Bovine DNA for microsatellite marker, 3' terminus.
ACCESSION  D83294
VERSION     D83294.1
KEYWORDS    GI:1199711
SOURCE      PCR primer.
            Bos taurus (cow)
ORGANISM    Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovidae;
            Bovinae; Bos.
            1 (sites)
REFERENCE   1 (sites)
AUTHORS     Hirano, T., Nakane, S., Mizoshita, K., Yamakuchi, H.,
            Inoue-Murayama, M., Matanabe, T., Barendse, W. and Sugimoto, Y.
TITLE        Characterization of 42 highly polymorphic bovine microsatellite
            markers
JOURNAL      Anim. Genet. 27 (5), 365-368 (1996)
MEDLINE     97083737
PUBMED      8930081
REFERENCE   2 (bases 1 to 20)
AUTHORS     Hirano, T., Nakane, S., Mizoshita, K., Inoue-Murayama, M., Matanabe, T.,
            Barendse, W. and Sugimoto, Y.
TITLE        Characterization of 42 bovine microsatellite markers
JOURNAL      Unpublished
            3 (bases 1 to 20)
REFERENCE   3 (bases 1 to 20)
AUTHORS     Sugimoto, Y.
TITLE        Direct Sublimation
JOURNAL      Submitted (29-JAN-1996) Yoshikazu Sugimoto, Japan Live Stock
            Technology Association, Shirokawa Institute of Animal Genetics;
            Nishigo Odakura, Nishishirakawa, Fukushima 961, Japan
            (E-mail: LD10322@niftyserve.or.jp, Tel:0248-25-5641,
            Fax:0248-25-5725)
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QY 1543 TCACACTGCGACGAG 1560
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Db          3 TCACACTGCGACGAG 20
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RESULT 689
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LOCUS      SSA777
DEFINITION Sus scrofa EST GTRR forward primer.
ACCESSION  AJ000777
VERSION     AJ000777.1
KEYWORDS    GI:2286000
SOURCE      PCR primer.
            Sus scrofa (pig)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae; Sus.
            1 (bases 1 to 20)
REFERENCE   1 (bases 1 to 20)
AUTHORS     Robic, A., Anderson, L., Hori, T., Winterson, A. K., Fredholm, M., Yarle, M.,
            expansion of the pig comparative map by expressed sequence tags
            (EST) mapping
            Unpublished
            2 (bases 1 to 20)
REFERENCE   2 (bases 1 to 20)
AUTHORS     Fridolfsson, A. K.

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TITLE Direct Submission
JOURNAL Submitted (27-JUL-1997) Fridolfsson A.K., Animal Breeding and Genetics, Swedish University of Agricultural Sciences, Biomedical Center, Box 597, S-751 24 Uppsala, SWEDEN
COMMENT 3'UTR.
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Query Match 0.3%; Score 14.8; DB 1; Length 20;
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Qy 1523 GGAGCTGCGAATGGGA 1540
Db 2 GGAGCTGCGAATTCGGA 19

RESULT 690
AR008036 20 bp DNA linear PAT 04-DEC-1998
LOCUS AR008036
DEFINITION Sequence 6 from patent US 5753238.
ACCESSION AR008036
VERSION AR008036.1 GI:3967145
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Kaslow,D.C. and Duffly,P.E.
TITLE Target antigens of transmission blocking antibodies for malaria parasites
JOURNAL Patent: US 5753238-A 6 19-MAY-1998;
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source Location/Qualifiers
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Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 65.0%; Pred. No. 6.1e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 1447 GGACATTATTCAGATCAG 1466
Db 1 GGATWTYTAATWSAGATGAG 20

RESULT 691
AR087471 20 bp DNA linear PAT 07-SEP-2000
LOCUS AR087471
DEFINITION Sequence 17 from patent US 5986078.
ACCESSION AR087471
VERSION AR087471.1 GI:10014234
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Garkavtsev,I. and Riabowol,K.
TITLE DNA sequence encoding the tumor suppressor gene INGI
JOURNAL Patent: US 5986078-A 17 16-NOV-1999;
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Qy 4326 AAGCCTGAGAGACCA 4343

Db 20 AAGCCTGAGAAATCCA 3

RESULT 692
AR100348/c 20 bp DNA linear PAT 14-FEB-2001
LOCUS AR100348/c
DEFINITION Sequence 79 from patent US 6080580.
ACCESSION AR100348
VERSION AR100348.1 GI:12810796
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.
TITLE Antisense oligonucleotide modulation of tumor necrosis factor- α (TNF- α) expression
JOURNAL Patent: US 6080580-A 79 27-JUN-2000;
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Qy 1661 TCGCTGAGCTCATCGGA 1678
Db 20 TCGCTGAGCTCAGGGA 3

RESULT 693
AR110660/c 20 bp DNA linear PAT 14-FEB-2001
LOCUS AR110660/c
DEFINITION Sequence 17 from patent US 6117633.
ACCESSION AR110660
VERSION AR110660.1 GI:12827474
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Garkavtsev,I., Riabowol,K. and Gudkov,A.
TITLE DNA sequence encoding the tumor suppressor gene INGI
JOURNAL Patent: US 6117633-A 17 12-SEP-2000;
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Query Match 0.3%; Score 14.8; DB 1; Length 20;
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Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4326 AAGCCTGAGAGACCA 4343
Db 20 AAGCCTGAGAAATCCA 3

RESULT 694
AR122520 20 bp DNA linear PAT 16-MAY-2001
LOCUS AR122520
DEFINITION Sequence 74 from patent US 6165728.
ACCESSION AR122520
VERSION AR122520.1 GI:14106837
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Ward,D.T. and Cowser,T.L.M.

TITLE Antisense modulation of NCK-2 expression
JOURNAL Patent: US 6165728-A 74 26-DEC-2000;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4251 TGAGAGTACCTTCCA 4268
|||||
3 TGAGAGTACCTTCCA 20

RESULT 695
AR125581/c
LOCUS AR125581 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 82 from patent US 6177273.
ACCESSION AR125581
VERSION AR125581.1 GI:14111643
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.Frank, and Cowsett,L.M.
TITLE Antisense modulation of integrin-linked kinase expression
JOURNAL Patent: US 6177273-A 82 23-JAN-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3077 AGGACTGCAAGACCTTG 3094
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18 AGGACTGCAAGACCTTG 1

RESULT 696
AR129759
LOCUS AR129759 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 163 from patent US 6187545.
ACCESSION AR129759
VERSION AR129759.1 GI:14117656
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Mckay,R., Butler,M.M., Wyatt,J. and Cowsett,L.M.
TITLE Antisense modulation of peptid-cytosolic expression
JOURNAL Patent: US 6187545-A 163 13-FEB-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2199 CCAAGCTCAGCCATTGG 2216
|||||
3 CCATGCTCAGCCATTGG 20

RESULT 697

AR150003/c
LOCUS AR150003 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 79 from patent US 6228642.
ACCESSION AR150003
VERSION AR150003.1 GI:15114594
KEYWORDS
SOURCE Unknown.

REFERENCE 1 (bases 1 to 20)
AUTHORS Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.
TITLE Antisense oligonucleotide modulation of tumor necrosis factor-(.alpha.) (TNF-.alpha.) expression
JOURNAL Patent: US 6228642-A 79 08-MAY-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1661 TCGTGAGCTCATCGGA 1678
|||||
20 TCGTGAGCTCATCGGA 3

RESULT 698
AR150230
LOCUS AR150230 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 306 from patent US 6228642.
ACCESSION AR150230
VERSION AR150230.1 GI:15114821
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)
AUTHORS Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.
TITLE Antisense oligonucleotide modulation of tumor necrosis factor-(.alpha.) (TNF-.alpha.) expression
JOURNAL Patent: US 6228642-A 306 08-MAY-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 ACCTGGAGCAGATGGG 756
|||||
2 ACCTGGAGTATGATGAGG 19

RESULT 699
AR154577/c
LOCUS AR154577 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 17 from patent US 6238918.
ACCESSION AR154577
VERSION AR154577.1 GI:1512630
KEYWORDS
SOURCE Unknown.

REFERENCE 1 (bases 1 to 20)
AUTHORS Garkavtsev,I. and Ribowol,K.
TITLE DNA sequence encoding the tumor suppressor gene INCI
JOURNAL Patent: US 6238918-A 17 29-MAY-2001;
FEATURES Location/Qualifiers
source 1..20

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/organism="unknown"
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Query Match
 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4326 AAGCCTGAGAGACCA 4343
    |||||
    20 AAGCCTGAGAGAAATCCA 3

RESULT 700
LOCUS AR174560 20 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 15 from patent US 6307024.
ACCESSION AR174560
VERSION AR174560.1 GI:17914880
KEYWORDS
SOURCE
ORGANISM
REFERENCE
 1 (bases 1 to 20)
AUTHORS Novak,J.E., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D.,
Gross,J.A., Johnston,J.V., Nelson,A.J., Dillon,S.R. and
Hammond,A.K.
Cytokine zalphall ligand
Patent: US 6307024-A 15 23-OCT-2001;
LOCATION/Qualifiers
 1..20
/organism="unknown"
/mol_type="unassigned DNA"

TITLE
JOURNAL
FEATURES
 1..20
source

Query Match
 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5157 CCTGTGGCTGTGTACAG 5174
    |||||
    3 CCTGTGGCTGTGTCTCAG 20

RESULT 701
LOCUS BD175401 20 bp DNA linear PAT 18-MAR-2003
DEFINITION Secretory and transmembrane polypeptide and nucleic acid encoding
the same.
ACCESSION BD175401
VERSION BD175401.1 GI:29121097
KEYWORDS
SOURCE
ORGANISM
REFERENCE
 1 (bases 1 to 20)
AUTHORS Wood,W.T., Gurney,A.L., Goddard,A., Pennica,D., Zheng,J. and
Yuan,J.
Secretory and transmembrane polypeptide and nucleic acid encoding
the same
Patent: JP 2002253280-A 183 10-SEP-2002;
JOURNAL
COMMENT
  OS Artificial Sequence
  PN JP 2002253280-A/183
  PD 10-SEP-2002
  PF 18-DEC-2001 JP 200138519
  PR 17-SEP-1997 US 60/059115 17-SEP-1997 US 60/059184 PR
  17-SEP-1997 US 60/059122 17-SEP-1997 US 60/059117 PR
  17-SEP-1997 US 60/059113 17-SEP-1997 US 60/059121 PR
  17-SEP-1997 US 60/059119 18-SEP-1997 US 60/059263 PR
  18-SEP-1997 US 60/059266 15-OCT-1997 US 60/062125 PR
  18-OCT-1997 US 60/062287 17-OCT-1997 US 60/062285 PR
  21-OCT-1997 US 60/063486 24-OCT-1997 US 60/062816 PR
  24-OCT-1997 US 60/062814 24-OCT-1997 US 60/063127 PR
  24-OCT-1997 US 60/063120 24-OCT-1997 US 60/063121 PR
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24-OCT-1997 US 60/063045 24-OCT-1997 US 60/063128 PR
27-OCT-1997 US 60/063329 27-OCT-1997 US 60/063327 PR
28-OCT-1997 US 60/063549 28-OCT-1997 US 60/063541 PR
28-OCT-1997 US 60/063550 28-OCT-1997 US 60/063542 PR
28-OCT-1997 US 60/063554 28-OCT-1997 US 60/063544 PR
29-OCT-1997 US 60/063734 29-OCT-1997 US 60/063738 PR
29-OCT-1997 US 60/063704 29-OCT-1997 US 60/063435 PR
29-OCT-1997 US 60/064215 29-OCT-1997 US 60/063735 PR
31-OCT-1997 US 60/063732 31-OCT-1997 US 60/064103 PR
31-OCT-1997 US 60/063870 03-NOV-1997 US 60/064248 PR
07-NOV-1997 US 60/064809 12-NOV-1997 US 60/065186 PR
17-NOV-1997 US 60/065846 18-NOV-1997 US 60/065633 PR
21-NOV-1997 US 60/066120 21-NOV-1997 US 60/066344 PR
24-NOV-1997 US 60/066772 24-NOV-1997 US 60/066466 PR
24-NOV-1997 US 60/066770 24-NOV-1997 US 60/066511 PR
24-NOV-1997 US 60/066453 25-NOV-1997 US 60/066840 PI
WILLIAM I WOOD,AUSTIN L GURNEY,AUDREY GODDARD,DIANE PENNICA, PI
TIAN ZHENG,
PI JEAN YUAN
PC C12N15/09,A61K45/00,A61P1/00,A61P13/12,A61P17/00,A61P17/06, PC
A61P25/00,
PC A61P25/16,A61P25/28,A61P31/12,A61P35/00,C07K14/47,C07K16/18,
PC C07K19/00,
PC C12N1/19,C12N1/21,C12N5/10//A61K38/00,A61K39/395,A61K39/395,
PC A61P43/00,
PC C12P21/08,(C12N1/19,C12R1:645),(C12N1/21,C12R1:19),(C12N5/10,
PC C12R1:91),
PC C12N15/00,C12N5/00,A61K37/02,(C12N5/00,C12R1:91) CC
Description of Artificial Sequence: Synthetic FH Key
LOCATION/Qualifiers
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FT source
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FEATURES
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location/Qualifiers
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Query Match
 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1211 GCAGGCCCCCATGGCAG 1228
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    2 GCAGGCCCTCATGGCCAG 19

RESULT 702
LOCUS BD176231/c 20 bp DNA linear PAT 18-MAR-2003
DEFINITION A method of arraying genome clone.
ACCESSION BD176231
VERSION BD176231.1 GI:29121937
KEYWORDS
SOURCE
ORGANISM
REFERENCE
 1 (bases 1 to 20)
AUTHORS Soeda,E.
TITLE
JOURNAL
COMMENT
  OS Artificial Sequence
  PN WO 02072815-A/31
  PD 19-SEP-2002
  PF 17-MAY-2001 WO 2001JP004139
  PR 12-MAR-2001 JP 01P 68285
  PI
  PC C12N15/09,C12Q1/68
  CC Description of Artificial Sequence: Synthetic DNA FH Key
  FT source
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/db_xref="taxon:32630"

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 448 CACTGTTCTCTGCTGCC 465
18 CACTGTTCTCTGCTGCC 1

RESULT 703
BD176866 20 bp DNA linear PAT 18-MAR-2003
LOCUS Nerve damage drugs.
DEFINITION BD176866
ACCESSION BD176866.1 GI:29122792
VERSION WO 02072144-A/2.
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Tode,M., Kawakami,Y., Toyama,Y. and Mikami,Y.
TITLES Nerve damage drugs
JOURNAL Patent: WO 02072144-A 2 19-SEP-2002;
KEIO UNIVERSITY,MASAHITO TODA,YUTAKA KAWAKAMI,YOSHIKI TOYAMA,YUJI MIKAMI

COMMENT
OS Artificial Sequence
PN WO 02072144-A/2
PD 19-SEP-2002
PR 12-MAR-2002 WO 2002P002310
PS 12-MAR-2001 JP OIP 069123,02-NOV-2001 JP OIP 338772 PI
MASAHITO TODA,YUTAKA KAWAKAMI,YOSHIKI TOYAMA,YUJI MIKAMI PC
A61K45/00,A61K38/19,A61K35/28,A61P25/00
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location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1264 CTACAGCCCCACCCAC 1281
19 CTACAGTTTACCCAC 2

RESULT 704
BD178721 20 bp DNA linear PAT 16-APR-2003
LOCUS Gene panel for genes involving liver regeneration.
DEFINITION BD178721
ACCESSION BD178721.1 GI:30015988
VERSION WO 02077222-A/59.
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Yokoyama,T., Okutsu,T., Mori,M., Yoshiyuki,Takahara,H.,
Aburatani,H. and Sonaka,I.
TITLES Gene panel for genes involving liver regeneration
JOURNAL Patent: WO 02077222-A 59 03-OCT-2002;
AJINOMOTO CO INC,FUMIHIKO YOKOYA,TOMOHIISA OKUTSU,MAIKO MORI,

COMMENT
YOSHIYUKI TAKAHARA,HISAO FUKUDA,HIROYUKI ABURATANI,ICHIRO SONAKA
OS Artificial Sequence
PN WO 02077222-A/59
PD 03-OCT-2002
PR 13-MAR-2002 WO 2002P002372
PS 13-MAR-2001 JP OIP 070940
PI FUMIHIKO YOKOYA,TOMOHIISA OKUTSU,MAIKO MORI,YOSHIYUKI PI
TAKAHARA,HISAO FUKUDA,
HIROYUKI ABURATANI,ICHIRO SONAKA
PC C12N15/09,C12Q1/68,G01N33/15,G01N33/50,G01N37/00 CC
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Best Local Similarity 88.9%; Score 14.8; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4198 CTGCGCTTCATTCCTGC 4215
19 CTGCGCTTCATTCCTGC 2

RESULT 705
BD184614 20 bp DNA linear PAT 17-JUN-2003
LOCUS Method and detector for identifying subtypes of human papilloma
DEFINITION BD184614
ACCESSION BD184614.1 GI:31876814
VERSION JP 2002360271-A/593.
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Ling,C., Lin,R., Yoo,Z., Huang,X., Lee,B., Lee,S., Lin,Y.,
Huang,C., Hsu,H., Shi,C., Yeh,C., Cao,Y. and Pan,C.
TITLES Method and detector for identifying subtypes of human papilloma
JOURNAL Patent: JP 2002360271-A 593 17-DEC-2002;
KING CAR FOOD INDUSTRIAL CO LTD
OS Artificial Sequence
PN JP 2002360271-A/593
PD 17-DEC-2002
PR 28-NOV-2001 JP 2001362595
PS 04-MAY-2001 TW 90110785
PI CHING-YEE LING,RUBY-WEN LIN,ZHOU-MENG YOO,XIN-HSIUAN HUANG,BOW-
HAENG LEE,
PI SHENG-HSIUNG LEE,YI-JU LIN,CI-CHUNG HUANG,HAN-CHANG HSU,CHA-
MEN SHI,
PI CHIH-XIN YEH,YI-FENG CAO,CHIH-LONG PAN
PC C12N15/09,C12N15/09,C12M1/34,C12Q1/04,C12Q1/42,C12Q1/68 PC
C12Q1/70,G01N21/64,
PC G01N33/53,G01N33/574,G01N33/58,G01N37/00//C12M1/34,C12R1.93),
CC (C12Q1/70,C12R1.93),C12N15/00,C12N15/00
Oligonucleotide M830402 for identifying HPV CP8034. FH Key
FT source
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location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCACTGCTGCTGCAG 2658
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DB 2 CTACATCTGCTGCTGCAG 19

RESULT 706
BD196314 20 bp DNA linear PAT 17-JUL-2003
LOCUS Vertebrate telomerase genes and proteins and uses thereof.
DEFINITION BD196314
ACCESSION BD196314
VERSION BD196314.1 GI:33006084
KEYWORDS JP 2002514928-A/48.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Kilian,A. and Bowtell,D.
TITLE Vertebrate telomerase genes and proteins and uses thereof
JOURNAL Patent: JP 2002514928-A 48 21-MAY-2002;
CAMBIA BIOSYSTEMS LLC,PETER MACCALLUM CANCER INSTITUTE
COMMENT OS Artificial Sequence
PN JP 2002514928-A/48
PD 21-MAY-2002
PF 01-JUL-1998 JP 1999508771
PR 01-JUL-1997 US 60/051410,21-JUL-1997 US 60/053018 PR
21-JUL-1997 US 60/053329,04-AUG-1997 US 60/054642 PR
09-SEP-1997 US 60/058287
PI ANDRZEJ KILIAN,DAVID BOWTELL
PC C12N15/54,C12N9/12,A61K38/45,C07K16/40,C12Q1/68,C12Q1/48, PC
C12N15/11,
PC A61K31/70
CC Description of Artificial Sequence:Synthesized Amplification
CC Primer Design
CC based on ESR Sequence Genbank Accession Number AA281296 FH
KEY Location/Qualifiers
FT source 1..20
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Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3287 CCAGCTGAAGAGCTAG 3304
|||
DB 1 CCTGCTGAAGAGCTGG 18

RESULT 707
BD227876 20 bp DNA linear PAT 17-JUL-2003
LOCUS Antisense oligonucleotide regulation of expression of tumor
DEFINITION BD227876
ACCESSION BD227876
VERSION BD227876.1 GI:33037646
KEYWORDS JP 2002526125-A/79.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Baker,B.F., Bennett,F.C., Butler,M.M. and Jr,W.J.S.
TITLE Antisense oligonucleotide regulation of expression of tumor
JOURNAL necrosis factor-alpha (TNF-alpha)
PATENT: JP 2002526125-A 79 20-AUG-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
PN JP 2002526125-A/79
PD 20-AUG-2002

PF 05-OCT-1999 JP 2000574737
PR 05-OCT-1998 US 09/166186,18-MAY-1999 US 09/313932 PI
BRENDA F BAKER,FRANK C BENNETT,MADELINE M BUTLER,WILLIAM J PI
SHANAHAN JR
PC C12N15/09,A61K31/7115,A61K31/712,A61K31/7125,A61K48/00,A61P1/
PC 00,A61P1/16,
PC A61P1/18,A61P3/10,A61P17/00,A61P17/04,A61P29/00,A61P31/00, PC
C07H21/02,
PC C07H21/04,C12N15/00
CC Synthetic
FH Key Location/Qualifiers
FT source 1..20
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Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1661 TCGTGAGCTCATCGGA 1678
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DB 20 TCGTGAGCTCAAGGGA 3

RESULT 708
BD228103 20 bp DNA linear PAT 17-JUL-2003
LOCUS Antisense oligonucleotide regulation of expression of tumor
DEFINITION BD228103
ACCESSION BD228103
VERSION BD228103.1 GI:33037873
KEYWORDS JP 2002526125-A/306.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Baker,B.F., Bennett,F.C., Butler,M.M. and Jr,W.J.S.
TITLE Antisense oligonucleotide regulation of expression of tumor
JOURNAL necrosis factor-alpha (TNF-alpha)
PATENT: JP 2002526125-A 306 20-AUG-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
PN JP 2002526125-A/306
PD 20-AUG-2002
PF 05-OCT-1999 JP 2000574737
PR 05-OCT-1998 US 09/166186,18-MAY-1999 US 09/313932 PI
BRENDA F BAKER,FRANK C BENNETT,MADELINE M BUTLER,WILLIAM J PI
SHANAHAN JR
PC C12N15/09,A61K31/7115,A61K31/712,A61K31/7125,A61K48/00,A61P1/
PC 00,A61P1/16,
PC A61P1/18,A61P3/10,A61P17/00,A61P17/04,A61P29/00,A61P31/00, PC
C07H21/02,
PC C07H21/04,C12N15/00
CC Synthetic
FH Key Location/Qualifiers
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/organism="synthetic construct"
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Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 ACCTGGAGCAGATGGG 756
|||

Db 2 ACCTGGAGTAGTAGG 19

RESULT 709

BD228462 20 bp DNA linear PAT 17-JUL-2003

LOCUS IL-17 homologous polypeptide and its application to remedy.

DEFINITION BD228462

ACCESSION BD228462.1 GI:33038232

VERSION JP 2002515246-A/57.

KEYWORDS unclassified

SOURCE unclassified

ORGANISM unclassified

REFERENCE 1 (bases 1 to 20)

AUTHORS Chen,J., Filvaroff,E., Goddard,A., Gurney,A.L., Li,H. and Wood,W.I.

TITLE IL-17 homologous polypeptide and its application to remedy

JOURNAL Patent: JP 2002515246-A 57 28-MAY-2002;

COMMENT OS Unidentified

PD JP 2002515246-A/57

PD 28-MAY-2002 JP 2000549734

PF 14-MAY-1999 JP 2000549734

PR 15-MAY-1998 US 60/085579,23-DEC-1998 US 60/113621 PI

JIAN CHEN,ELLEN FILVAROFF,AUDLEY GODDARD,AUSTIN L GURNEY, PI

HANZHONG LI,

PI WILLIAM I WOOD

PC C12N15/09,A61K38/21,A61K45/00,A61P19/00,C07K14/52,C07K16/24,

PC C07K19/00,

PC C12N1/19,C12N1/21,C12N5/10,C12P21/02,C12P21/08,C12Q1/00 PC

,C12Q1/68,C12N15/00,

PC A61K37/66,C12N5/00

CC Strandedness: Single;

CC Topology: Linear;

CC IL-17 homologous polypeptide and its application to remedy FH

Key Location/Qualifiers

FT source 1..20

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source Location/Qualifiers

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/organism="unidentified"

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Query Match 0.3%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 6.1e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4937 TTGATGATGCTTGGCTG 4954

Db 1 TGGGTGATGCTTGGCTG 18

RESULT 710

BD237579 20 bp DNA linear PAT 17-JUL-2003

LOCUS BD237579

DEFINITION Cytokine receptor ZALPHA11.

ACCESSION BD237579

VERSION BD237579.1 GI:33047349

KEYWORDS JP 2002526062-A/13.

SOURCE JP 2002526062-A/13.

ORGANISM JP 2002526062-A/13.

REFERENCE 1 (bases 1 to 20)

AUTHORS Presnell,S.R., Conklin,D.C., Novak,J.E. and Hammond,A.K.

TITLE Cytokine receptor ZALPHA11

JOURNAL Patent: JP 2002526062-A 13 20-AUG-2002;

COMMENT OS Artificial Sequence

PN JP 2002526062-A/13

PD 20-AUG-2002

PF 23-SEP-1999 JP 2000574143

PR 23-SEP-1998 US 09/159254,09-MAR-1999 US 09/265117 PR

06-JUL-1999 US 09/347930

PI SCOTT R PRESNELL,DARRELL C CONKLIN,JULIA E NOVAK,ANGELA K PI

HAMMOND

PC C12N15/09,C07K14/715,C07K16/28,C12N1/15,C12N1/19,C12N1/21, PC

C12N5/10,

PC C12P21/02,C12P21/08,C12Q1/02,G01N33/53,G01N33/566,C12N15/00,

PC C12N5/00

CC Oligonucleotide primer ZC19572

FH Key location/Qualifiers

FT source 1..20

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source Location/Qualifiers

1..20

/organism="synthetic construct"

/mol_type="genomic DNA"

/db_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 6.1e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5157 CCTGTGCTGTGTCTCAG 5174

Db 3 CCTGTGCTGTGTCTCAG 20

RESULT 711

BD237581 20 bp DNA linear PAT 17-JUL-2003

LOCUS BD237581

DEFINITION Cytokine receptor ZALPHA11.

ACCESSION BD237581

VERSION BD237581.1 GI:33047351

KEYWORDS JP 2002526062-A/15

SOURCE JP 2002526062-A/15

ORGANISM JP 2002526062-A/15

REFERENCE 1 (bases 1 to 20)

AUTHORS Presnell,S.R., Conklin,D.C., Novak,J.E. and Hammond,A.K.

TITLE Cytokine receptor ZALPHA11

JOURNAL Patent: JP 2002526062-A 15 20-AUG-2002;

COMMENT OS Artificial Sequence

PN JP 2002526062-A/15

PD 20-AUG-2002

PF 23-SEP-1999 JP 2000574143

PR 23-SEP-1998 US 09/159254,09-MAR-1999 US 09/265117 PR

06-JUL-1999 US 09/347930

PI SCOTT R PRESNELL,DARRELL C CONKLIN,JULIA E NOVAK,ANGELA K PI

HAMMOND

PC C12N15/09,C07K14/715,C07K16/28,C12N1/15,C12N1/19,C12N1/21, PC

C12N5/10,

PC C12P21/02,C12P21/08,C12Q1/02,G01N33/53,G01N33/566,C12N15/00,

PC C12N5/00

CC Oligonucleotide primer ZC19657

FH Key location/Qualifiers

FT source 1..20

FEATURES

source Location/Qualifiers

1..20

/organism="synthetic construct"

/mol_type="genomic DNA"

/db_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 6.1e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5157 CCTGTGCTGTGTCTCAG 5174

Db 18 CCTGTGCTGTGTCTCAG 1

RESULT 712

BD243776

LOCUS BD243776 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Oxaloacetate hydrolase deficient fungal host cells.
ACCESSION BD243776
VERSION BD243776.1 GI:33053546
KEYWORDS JP 2002536993-A/21.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Hjort,C.M. and Pedersen,H.
TITLE Oxaloacetate hydrolase deficient fungal host cells
JOURNAL Patent: JP 2002536993-A 21 05-NOV-2002;
NOVOZIMES AS
COMMENT OS Artificial Sequence
PN JP 2002536993-A/21
PD 05-NOV-2002
PR 18-FEB-2000 JP 200601140
PI 22-FEB-1999 DK PA 199900231
PC CARSTEN MAILLAND HJORT,HENRIK PEDERSEN
PC C12N15/09,C12N1/15,C12N1/19,C12N5/10,C12N9/02,C12P7/
PC 48,
PC C12P21/02/(C12N1/15,C12R1:685),(C12N1/21,C12R1:19),C12N15/00,
PC C12N5/00
CC Description of Artificial Sequence: OX10
FH Key Location/Qualifiers
FT source 1..20
FT /organism='Artificial Sequence'.
FT Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

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Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 847 AGCCAAACCACTCCACC 864
DB 3 AGCAAAACCATCTCCACC 20

RESULT 713
LOCUS BD248953 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Novel cytokine ZALPHA11 ligand.
ACCESSION BD248953
VERSION BD248953.1 GI:33058723
KEYWORDS JP 2002537839-A/14.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Novak,J.E., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D.,
Gross,J.A., Johnson,J.V., Nelson,A.U., Dillon,S.R. and
Hammond,A.K.
TITLE Novel cytokine ZALPHA11 ligand
JOURNAL Patent: JP 2002537839-A 14 12-NOV-2002;
ZYMOGENETICS INC
COMMENT OS Artificial Sequence
PN JP 2002537839-A/14
PD 12-NOV-2002
PR 09-MAR-2000 JP 2006003382
PI 09-MAR-1999 US 09/264908,11-MAR-1999 US 09/265992 PR
01-JUL-1999 US 60/142013
PI JULIA E NOVAK,SCOTT R PRESNELL,CINDY A SPRACHER,DONALD C PI
FOSTER,
PI RICHARD D HOLLY,JANE A GROSS,JANET V JOHNSTON,ANDREW J NELSON,
PI STACEY R DILLON,ANGELA K HAMMOND
PC C12N15/09,A61K38/00,A61K45/00,A61P35/00,A61P37/00,C07K14/52,
PC C07K14/53,
PC C07K14/54,C07K14/55,C07K16/24,C07K19/00,C12N1/15,C12N1/19, PC
C12N1/21,

PC C12N5/10,C12P21/02,C12P21/02,G01N33/53,C12N15/00,C12N5/00, PC
A61K37/02
CC Oligonucleotide primer ZC19572
FH Key Location/Qualifiers
FT source 1..20
FT /organism='Artificial Sequence'.
FT Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5157 CCTGTGGCTGTGTACAG 5174
DB 3 CCTGTGGCTGTGTCTCAG 20

RESULT 714
LOCUS CQ764208 20 bp DNA linear PAT 03-MAR-2004
DEFINITION Sequence 2826 from Patent WO2004003201.
ACCESSION CQ764208
VERSION CQ764208.1 GI:44907444
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrh1 expression
JOURNAL Patent: WO 2004003201-A 2826 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1610 ATGCTCTCACTTCAGCT 1627
DB 19 ATGCTCTCAATTTCAGAT 2

RESULT 715
LOCUS CQ764275 20 bp DNA linear PAT 03-MAR-2004
DEFINITION Sequence 2893 from Patent WO2004003201.
ACCESSION CQ764275
VERSION CQ764275.1 GI:44907511
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrh1 expression
JOURNAL Patent: WO 2004003201-A 2893 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
 Best Local Similarity 88.9%; Pred. No. 6.1e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1607 AGCATGCTCTTCTACTCA 1624
 18 AGATCTCTTCTTATCA 1

RESULT 716
 LOCUS CQ814612 20 bp DNA linear PAT 24-MAY-2004
 DEFINITION Sequence 3 from Patent WO2004039986.
 ACCESSION CQ814612
 VERSION CQ814612.1 GI:47603795
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Ellis,D.M., Negrotto,D.V., Shi,L., Shokkoeki,F.A. and Thomas,C.R.
 TITLE COT102 insecticidal cotton
 JOURNAL Patent: WO 2004039986-A 3 13-MAY-2004;
 Sengenta Participations AG (CH)

FEATURES
 source Location/Qualifiers
 1..20
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="COT102 nucleotide motif"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
 Best Local Similarity 88.9%; Pred. No. 6.1e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3618 GGACGTGAGCAGATCTT 3635
 3 GGACGTGAGCAGATCTT 20

RESULT 717
 LOCUS CQ814713 20 bp DNA linear PAT 24-MAY-2004
 DEFINITION Sequence 79 from Patent WO2004040012.
 ACCESSION CQ814713
 VERSION CQ814713.1 GI:47603899
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Cheung,W.Y., Gagnon,M.J., Laforest,M. and Landry,B.S.
 TITLE Compositions and methods for identifying plants having increased
 tolerance to imidazolinone herbicides
 JOURNAL Patent: WO 2004040012-A 79 13-MAY-2004;
 BASF Plant Science GmbH (DE)

FEATURES
 source Location/Qualifiers
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 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Description of Artificial Sequence: Synthetic
 oligonucleotide"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
 Best Local Similarity 88.9%; Pred. No. 6.1e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4348 TTCTCGAGTTCTACGTT 4365
 3 TTCTCGAGTTCTTCTT 20

RESULT 718
 LOCUS CQ830063/c 20 bp DNA linear PAT 12-JUL-2004
 DEFINITION Sequence 2 from Patent EP1435394.
 ACCESSION CQ830063
 VERSION CQ830063.1 GI:50250597
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Iwaki,Y. and Makino,Y.
 TITLE A method for quantifying a target nucleic acid
 JOURNAL Patent: EP 1435394-A 2 07-JUL-2004;
 FUJI PHOTO FILM CO., LTD. (JP)

FEATURES
 source Location/Qualifiers
 1..20
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Description of Artificial Sequence:Primer"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
 Best Local Similarity 88.9%; Pred. No. 6.1e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1264 CTACAGCCCAACACAC 1281
 20 CTACAGCTTCACACACAC 3

RESULT 719
 LOCUS CQ830067/c 20 bp DNA linear PAT 12-JUL-2004
 DEFINITION Sequence 6 from Patent EP1435394.
 ACCESSION CQ830067
 VERSION CQ830067.1 GI:50250601
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Iwaki,Y. and Makino,Y.
 TITLE A method for quantifying a target nucleic acid
 JOURNAL Patent: EP 1435394-A 6 07-JUL-2004;
 FUJI PHOTO FILM CO., LTD. (JP)

FEATURES
 source Location/Qualifiers
 1..20
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Description of Artificial Sequence:Primer"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
 Best Local Similarity 88.9%; Pred. No. 6.1e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1264 CTACAGCCCAACACAC 1281
 20 CTACAGCTTCACACACAC 3

RESULT 720
 LOCUS CQ830069 20 bp DNA linear PAT 12-JUL-2004
 DEFINITION Sequence 8 from Patent EP1435394.
 ACCESSION CQ830069
 VERSION CQ830069.1 GI:50250603
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
AUTHORS Iwaki, Y. and Makino, Y.
TITLE A method for quantifying a target nucleic acid
JOURNAL Patent: EP 1435394-A 8 07-JUL-2004;
FUJII PHOTO FILM CO., LTD. (JP)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence:Primer"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1264 CTACAGCCCGACACAC 1281
Db 1 CTACAGCTTCACACAC 18

RESULT 721
LOCUS 112660 20 bp DNA linear PAT 26-JUL-1995
DEFINITION Sequence 70 from patent US 5427909.
ACCESSION 112660
VERSION 112660.1 GI:910042
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Okamoto, H. and Nakamura, T.
TITLE Oligonucleotides and determination system of HCV genotypes
JOURNAL Patent: US 5427909-A 70 27-JUN-1995;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 801 TCCTCATTCCTCAG 818
Db 20 TCCTCATTCCTCAG 3

RESULT 722
LOCUS 112661 20 bp DNA linear PAT 26-JUL-1995
DEFINITION Sequence 71 from patent US 5427909.
ACCESSION 112661
VERSION 112661.1 GI:910043
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Okamoto, H. and Nakamura, T.
TITLE Oligonucleotides and determination system of HCV genotypes
JOURNAL Patent: US 5427909-A 71 27-JUN-1995;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 801 TCCTCATTCCTCAG 818
Db 20 TCCTCATTCCTCAG 818

Db 20 TCCTCATTCCTCAG 3

RESULT 723
LOCUS 112662 20 bp DNA linear PAT 26-JUL-1995
DEFINITION Sequence 72 from patent US 5427909.
ACCESSION 112662
VERSION 112662.1 GI:910044
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Okamoto, H. and Nakamura, T.
TITLE Oligonucleotides and determination system of HCV genotypes
JOURNAL Patent: US 5427909-A 72 27-JUN-1995;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 801 TCCTCATTCCTCAG 818
Db 20 TCCTCATTCCTCAG 3

RESULT 724
LOCUS 112664 20 bp DNA linear PAT 26-JUL-1995
DEFINITION Sequence 74 from patent US 5427909.
ACCESSION 112664
VERSION 112664.1 GI:910046
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Okamoto, H. and Nakamura, T.
TITLE Oligonucleotides and determination system of HCV genotypes
JOURNAL Patent: US 5427909-A 74 27-JUN-1995;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 801 TCCTCATTCCTCAG 818
Db 20 TCCTCATTCCTCAG 3

RESULT 725
LOCUS 122388 20 bp DNA linear PAT 07-OCT-1996
DEFINITION Sequence 6 from patent US 5527700.
ACCESSION 122388
VERSION 122388.1 GI:1602742
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Kaslow, D.C. and Dufly, P.E.
TITLE Target antigens of transmission blocking antibodies for malaria

JOURNAL Parasites
Patent: US 5527700-A 6 18-JUN-1996;
Location/Qualifiers
FEATURES 1. .20
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 65.0%; Pred. No. 6.1e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1447 GGACATTATTAATGAGATCAG 1466
||:|||||:
1 GCWTTTATATATGAGATGAG 20

RESULT 726
AR181732 20 bp DNA linear PAT 20-APR-2002
LOCUS AR181732
DEFINITION Sequence 194 from patent US 6335194.
ACCESSION AR181732
VERSION AR181732.1 GI:20223946
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.Frank., Ackermann,B.J., Swayze,E.E. and Cowsest,L.M.
TITLE Antisense modulation of suryavin expression
JOURNAL Patent: US 6335194-A 194 01-JAN-2002;
FEATURES Location/Qualifiers
source 1. .20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1466 GAGACTTATTTGGCCGAG 1483
|||||
20 GAGCCTGATTTGGCCGAG 3

RESULT 727
AR221415 20 bp DNA linear PAT 26-SEP-2002
LOCUS AR221415
DEFINITION Sequence 54 from patent US 6426220.
ACCESSION AR221415
VERSION AR221415.1 GI:23328465
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.F. and Cowsest,L.M.
TITLE Antisense modulation of calreticulin expression
JOURNAL Patent: US 6426220-A 54 30-JUL-2002;
FEATURES Location/Qualifiers
source 1. .20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3786 TGAGTAGTGTGACAAAGA 3803
|||||
1 TGAGGAAGTTGTCAAGA 18

RESULT 728

AR225903/c AR225903 20 bp DNA linear PAT 20-DEC-2002
LOCUS AR225903
DEFINITION Sequence 53 from patent US 6444464.
ACCESSION AR225903
VERSION AR225903.1 GI:27264057
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Wyatt,U.
TITLE Antisense modulation of E2F transcription factor 2 expression
JOURNAL Patent: US 6444464-A 53 03-SEP-2002;
FEATURES Location/Qualifiers
source 1. .20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 576 GGAGAGCTGAAAGAGCTT 593
|||||
19 GCAGGAGCTGAAAGAGCT 2

RESULT 729
AR241702 20 bp DNA linear PAT 20-DEC-2002
LOCUS AR241702
DEFINITION Sequence 9 from patent US 6472153.
ACCESSION AR241702
VERSION AR241702.1 GI:27287514
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Dempcy,R.O., Afonina,I.A. and Vermeulen,N.M.J.
TITLE Hybridization-triggered fluorescent detection of nucleic acids
JOURNAL Patent: US 6472153-A 9 29-OCT-2002;
FEATURES Location/Qualifiers
source 1. .20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4392 GCAGTGAAGACAAAGA 4409
|||||
19 GCATTGAAAGAAAGAA 2

RESULT 730
AR304022 20 bp DNA linear PAT 12-JUN-2003
LOCUS AR304022
DEFINITION Sequence 26 from patent US 6544765.
ACCESSION AR304022
VERSION AR304022.1 GI:31692915
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Hfort,C.M. and Pedersen,H.
TITLE Oxoacetate hydratase deficient fungal host cells
JOURNAL Patent: US 6544765-A 26 08-APR-2003;
FEATURES Location/Qualifiers
source 1. .20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 847 AGCCAAACCCACTCCACC 864
|||||
Db 3 AGCAAAACCATCTCCACC 20

RESULT 731
LOCUS AR305390 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 344 from patent US 6545137.
ACCESSION AR305390
VERSION AR305390.1 GI:31694700
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Todd,J.A., Hese,J.W., Caekey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
RECEPTOR
JOURNAL Patent: US 6545137-A 344 08-APR-2003;
FEATURES
source 1.20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4793 TCCTGCCACTCAGCAGCT 4810
|||||
Db 1 TCATGTCACTCAGCAGCT 18

RESULT 732
LOCUS AR309494 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 344 from patent US 6555654.
ACCESSION AR309494
VERSION AR309494.1 GI:31701499
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Todd,J.A., Hese,J.W., Caekey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
TITLE LDU-Receptor
JOURNAL Patent: US 6555654-A 344 29-APR-2003;
FEATURES
source 1.20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4793 TCCTGCCACTCAGCAGCT 4810
|||||
Db 1 TCATGTCACTCAGCAGCT 18

RESULT 733
LOCUS AR310965 20 bp DNA linear PAT 12-JUN-2003

DEFINITION Sequence 1502 from patent US 6559294.
ACCESSION AR310965
VERSION AR310965.1 GI:31704391
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Griffiths,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 1502 06-MAY-2003;
FEATURES
source 1.20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2487 GACGCTAGAGCATATGG 2504
|||||
Db 1 GGCTTAGAGCATATGG 18

RESULT 734
LOCUS AR312104 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 2641 from patent US 6559294.
ACCESSION AR312104
VERSION AR312104.1 GI:31705530
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Griffiths,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 2641 06-MAY-2003;
FEATURES
source 1.20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 558 CTTGAGTTCCTGAGAA 575
|||||
Db 20 CTTGAGTTCCTGAGCA 3

RESULT 735
LOCUS AR342887 20 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 15 from patent US 6576744.
ACCESSION AR342887
VERSION AR342887.1 GI:33738186
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Presnell,S.R., Conklin,D.C., Novak,J.E. and Hammond,A.K.
TITLE Cytokine receptor zalpha11
JOURNAL Patent: US 6576744-A 15 10-JUN-2003;
FEATURES
source 1.20
/organism="unknown"
/mol_type="genomic DNA"

[illegible]

SOURCE	Unknown.
ORGANISM	Unknown.
REFERENCE	Unclassified.
AUTHORS	1 (bases 1 to 20)
TITLE	Buchardt,O., Egholm,M., Nielsen,P.E. and Berg,R.H.
JOURNAL	Peptide nucleic acids
FEATURES	Patent: US 6395474-A 4 28-MAY-2002;
SOURCE	Location/Qualifiers
	1..20
	/organism="unknown"
	/mol_type="genomic DNA"
Query Match	0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity	88.9%; Pred. No. 6.1e+02;
Matches	16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
CY	5404 AAAAAAATAATGAAA 5421
Db	1 AAAAAAAAAAAAAAAAAA 18
RESULT 739	
AR374052	20 bp DNA linear PAT 18-DEC-2003
LOCUS	AR374052
DEFINITION	Sequence 15 from patent US 6605272.
ACCESSION	AR374052
VERSION	AR374052.1 GI:40076624
KEYWORDS	
SOURCE	Unknown.
ORGANISM	Unknown.
REFERENCE	Unclassified.
AUTHORS	1 (bases 1 to 20)
	Novak,J.B., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D.,
	Gross,J.A., Johnston,J.V., Nelson,A.J., Dillon,S.R. and
	Hammond,A.K.
TITLE	Methods of using zalphal1 ligand
JOURNAL	Patent: US 6605272-A 15 12-AUG-2003;
FEATURES	Location/Qualifiers
SOURCE	1..20
	/organism="unknown"
	/mol_type="genomic DNA"
Query Match	0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity	88.9%; Pred. No. 6.1e+02;
Matches	16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
CY	5157 CCTCGGCTGTGTACAG 5174
Db	3 CCTGTGCTGTGTCTCAG 20
RESULT 740	
AR410779	20 bp DNA linear PAT 18-DEC-2003
LOCUS	AR410779
DEFINITION	Sequence 222 from patent US 6635468.
ACCESSION	AR410779
VERSION	AR410779.1 GI:40162279
KEYWORDS	
SOURCE	Unknown.
ORGANISM	Unknown.
REFERENCE	Unclassified.
AUTHORS	1 (bases 1 to 20)
	Ashkenazi,A., Botstein,D., Deenoyers,L., Eaton,D.L., Ferrara,N.,
	Fliviaroff,E., Fong,S., Gao,W.-Q., Garber,H., Gerltsen,M.E.,
	Goddard,A., Godowski,P.J., Grimaldi,J.C., Gurney,A.L., Hillan,K.J.,
	Kljasvin,I.J., Mather,J.P., Pan,J., Paoni,N.F., Roy,M.A.,
	Stewart,T.A., Tumas,D., Williams,P.M. and Wood,M.I.
TITLE	Secreted and transmembrane polypeptides and nucleic acids encoding
JOURNAL	the same
FEATURES	Patent: US 6635468-A 222 21-OCT-2003;
SOURCE	Location/Qualifiers
	1..20
	/organism="unknown"

/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 GCAGGCCCCCATGGGCAG 1228
|||||
Db 2 GCAGGCCCTCATGGCCAG 19

RESULT 741
AR439143 20 bp DNA linear PAT 20-FEB-2004
LOCUS Sequence 222 from patent US 6664376.
DEFINITION AR439143
ACCESSION AR439143
VERSION AR439143.1 GI:42664992
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 (bases 1 to 20)
Unclassified.
Ashkenazi, A., Botstein, D., Desnoyers, L., Eaton, D.L., Ferrara, N.,
Fildes, E., Fong, S., Gao, W.-Q., Geider, H., Gertsen, M.B.,
Godard, A., Godowski, P.J., Grimaldi, J.C., Gurney, A.L., Hillan, K.J.,
Klajvin, I.J., Mather, J.P., Pan, J., Paoni, N.F., Roy, M.A.,
Stewart, T.A., Tunes, D., Williams, P.M. and Wood, W.I.
Secreted and transmembrane polypeptides and nucleic acids encoding
the same
Patent: US 6664376-A 222 16-DEC-2003;
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 GCAGGCCCCCATGGGCAG 1228
|||||
Db 2 GCAGGCCCTCATGGCCAG 19

RESULT 742
AR456202 20 bp DNA linear PAT 20-FEB-2004
LOCUS Sequence 15 from patent US 6686178.
DEFINITION AR456202
ACCESSION AR456202
VERSION AR456202.1 GI:42691225
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 (bases 1 to 20)
Unclassified.
Novak, J.E., Presnell, S.R., Sprecher, C.A., Foster, D.C., Holly, R.D.,
Gross, J.A., Johnston, J.V., Nelson, A.J., Dillon, S.R. and
Hammond, A.K.
Cytokine zai1phal1 ligand polynucleotides
Patent: US 6686178-A 15 03-FEB-2004;
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5157 CCTGTGGCTGTGTCAAG 5174
|||||
Db 3 CCTGTGGCTGTGTCTCAG 20

RESULT 743
AR473163 20 bp DNA linear PAT 20-FEB-2004
LOCUS Sequence 222 from patent US 6686451.
DEFINITION AR473163
ACCESSION AR473163
VERSION AR473163.1 GI:42708538
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 (bases 1 to 20)
Unclassified.
Desnoyers, L., Goddard, A., Godowski, P.J., Gurney, A.L., Mather, J.P.,
Williams, P.M. and Wood, W.I.
Secreted and transmembrane polypeptides and nucleic acids encoding
the same
Patent: US 6686451-A 222 03-FEB-2004;
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 GCAGGCCCCCATGGGCAG 1228
|||||
Db 2 GCAGGCCCTCATGGCCAG 19

RESULT 744
AR475097 20 bp DNA linear PAT 20-FEB-2004
LOCUS Sequence 15 from patent US 6632924.
DEFINITION AR475097
ACCESSION AR475097
VERSION AR475097.1 GI:42714300
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 (bases 1 to 20)
Unclassified.
Presnell, S.R., Conklin, D.C., Novak, J.E. and Hammond, A.K.
Methods of using cytokine receptor zai1phal1 to detect its ligands
Patent: US 6632924-A 15 17-FEB-2004;
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5157 CCTGTGGCTGTGTCAAG 5174
|||||
Db 3 CCTGTGGCTGTGTCTCAG 20

RESULT 745
AR475099 20 bp DNA linear PAT 20-FEB-2004
LOCUS Sequence 17 from patent US 6692924.
DEFINITION AR475099
ACCESSION AR475099
VERSION AR475099.1 GI:42714302
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 (bases 1 to 20)
Unclassified.
Presnell, S.R., Conklin, D.C., Novak, J.E. and Hammond, A.K.
Methods of using cytokine receptor zai1phal1 to detect its ligands
Patent: US 6692924-A 17 17-FEB-2004;

FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 5157 CCTCTGGCTGTGTCTCAG 5174
|||
18 CCTGTGGCTGTGTCTCAG 1

RESULT 746
AR489489 20 bp DNA linear PAT 15-MAY-2004
LOCUS AR489489
DEFINITION Sequence 4 from patent US 6710163.
ACCESSION AR489489
VERSION AR489489.1 GI:47256514
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Buchardt,O., Egholm,M., Nielsen,P.B. and Berg,R.H.
TITLE Peptide nucleic acid synthesis
JOURNAL Patent: US 6710163-A 4 23-MAR-2004;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 5404 AAAAAGAAAAATGAAAA 5421
|||||
1 AAAAAGAAAAATGAAAA 18

RESULT 747
AR491100 20 bp DNA linear PAT 15-MAY-2004
LOCUS AR491100
DEFINITION Sequence 4 from patent US 6713602.
ACCESSION AR491100
VERSION AR491100.1 GI:47258960
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Buchardt,O., Buchardt,D., Egholm,M., Nielsen,P.B. and Berg,R.H.
TITLE Synthetic procedures for peptide nucleic acids
JOURNAL Patent: US 6713602-A 4 30-MAR-2004;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 5404 AAAAAGAAAAATGAAAA 5421
|||||
1 AAAAAGAAAAATGAAAA 18

RESULT 748
AX040968 20 bp DNA linear PAT 23-NOV-2000
LOCUS AX040968

DEFINITION Sequence 15 from Patent WO0065040.
ACCESSION AX040968
VERSION AX040968.1 GI:11340564
KEYWORDS
SOURCE Zea mays
ORGANISM Zea mays
REFERENCE 1
AUTHORS Helentjaris,T.G., Habben,J.E. and Sun,Y.
TITLE Cell cycle genes and methods of use
JOURNAL Patent: WO 0065040-A 15 02-NOV-2000;
PIONEER HI-BRED INTERNATIONAL, INC. (US)
FEATURES Location/Qualifiers
source 1..20
/organism="Zea mays"
/mol_type="unassigned DNA"
/db_xref="taxon:4577"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 4620 GGAGCAGTACGAGAGGCT 4637
|||
3 GGAGCAGTACGAGAGGCT 20

RESULT 749
AX104312 20 bp DNA linear PAT 30-APR-2001
LOCUS AX104312
DEFINITION Sequence 504 from Patent WO0122972.
ACCESSION AX104312
VERSION AX104312.1 GI:13920509
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kriegl,A.M., Schetter,C. and Vollmer,J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 504 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1133 CCCAATGGCCTCTGATG 1150
|||
20 CCCAATGGCCTCTGATG 3

RESULT 750
AX149130 20 bp DNA linear PAT 08-JUN-2001
LOCUS AX149130
DEFINITION Sequence 332 from Patent WO0136625.
ACCESSION AX149130
VERSION AX149130.1 GI:14347654
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Wright,J.A., Young,A.H. and Dugourd,D.
TITLE Antisense oligonucleotide sequences derived from groel and groes as

JOURNAL inhibitors of microorganisms
Patent: WO 0136625-A 332 25-MAY-2001;
Genesense Technologies Inc. (CA)
FEATURES location/Qualifiers

source 1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Antisense oligonucleotide"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5395 AAAAAACAAAAAGCAA 5412
|||||
Db 3 AAAAAACAAACAAAGCAA 20

RESULT 751
AX293420 20 bp DNA linear PAT 21-NOV-2001
LOCUS Sequence 5182 from Patent WO0179548.
DEFINITION AX293420
ACCESSION AX293420
VERSION AX293420.1 GI:17055103
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE artificial sequences.
1
AUTHORS Barany, F., Zivvi, M., Gerry, N.P., Favis, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL sequence differences using ligase detection reaction
CORNEBL Patent: WO 0179548-A 5182 25-OCT-2001;
RESEARCH FOUNDATION, INC. (US)
FEATURES location/Qualifiers

1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4777 GGCAGCAAAAGGACTC 4794
|||||
Db 1 GGTAGCAAAAGGAGCGC 18

RESULT 752
AX355006 20 bp DNA linear PAT 06-FEB-2002
LOCUS Sequence 34 from Patent WO0197843.
DEFINITION AX355006
ACCESSION AX355006
VERSION AX355006.1 GI:18619673
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE artificial sequences.
1

1
AUTHORS Weiner, G. and Hartmann, G.
TITLE Methods for enhancing antibody-induced cell lysis and treating
JOURNAL cancer: WO 0197843-A 34 27-DEC-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
FEATURES location/Qualifiers

1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1133 CCCATGGCCTTCGTGATG 1150
|||||
Db 20 CCGATGGCCTTCAGATG 3

RESULT 753
AX477204 20 bp DNA linear PAT 12-AUG-2002
LOCUS Sequence 295 from Patent WO0220848.
DEFINITION AX477204
ACCESSION AX477204
VERSION AX477204.1 GI:22216457
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE artificial sequences.
1

1
AUTHORS Bodnar, J.S., Castellani, L.W., Chatterjee, A., de Jong, P.,
TITLE Luis, A.J., Ohmen, J., Ross, D., Tafuri, S. and Wu, C.
JOURNAL Gene and sequence variation associated with cancer
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
FEATURES location/Qualifiers

1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Primer"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3598 CAGGCTAATCTCAACTC 3615
|||||
Db 1 CAGGCTAACCCTCAACTC 18

RESULT 754
AX487842 20 bp DNA linear PAT 16-AUG-2002
LOCUS Sequence 5142 from Patent WO02053728.
DEFINITION AX487842
ACCESSION AX487842
VERSION AX487842.1 GI:22321922
KEYWORDS
SOURCE Candida albicans
ORGANISM Candida albicans

1
AUTHORS Roemer, T., Jiang, B., Boone, C., Bussey, H. and Olsen, K.L.
TITLE Gene disruption methodologies for drug target discovery
JOURNAL Patent: WO 02053728-A 5142 11-JUN-2002;
Elittra Pharmaceuticals, Inc. (US)
FEATURES location/Qualifiers

1.20
/organism="Candida albicans"
/mol_type="unassigned DNA"
/db_xref="taxon:5476"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4962 TGTGTTCATGCCAGGAT 4979
|||||
Db 1 TGTGTTCATGCCAGGAT 18

RESULT 755
AX498235 20 bp DNA linear PAT 26-SEP-2002
LOCUS
DEFINITION Sequence 58 from Patent WO0242461.
ACCESSION AX498235
VERSION AX498235.1 GI:23343154
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
1 Chen, R., Chu, Z. L., Dang, H. T., Lowitz, K. P. and Pride, C.
Endogenous and non-endogenous versions of human g protein-coupled
receptors
JOURNAL Patent: WO 0242461-A 58 30-MAY-2002;
Arena Pharmaceuticals, Inc. (US)
FEATURES
source
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Novel Sequence"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2921 TCTTCTCCGCTCTCAAG 2938
3 TCTTCTCCGACGTCAAG 20

RESULT 756
AX498236 20 bp DNA linear PAT 26-SEP-2002
LOCUS
DEFINITION Sequence 59 from Patent WO0242461.
ACCESSION AX498236
VERSION AX498236.1 GI:23343155
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
1 Chen, R., Chu, Z. L., Dang, H. T., Lowitz, K. P. and Pride, C.
Endogenous and non-endogenous versions of human g protein-coupled
receptors
JOURNAL Patent: WO 0242461-A 59 30-MAY-2002;
Arena Pharmaceuticals, Inc. (US)
FEATURES
source
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Novel Sequence"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2921 TCTTCTCCGCTCTCAAG 2938
3 TCTTCTCCGACGTCAAG 20

RESULT 757
AX498237 20 bp DNA linear PAT 26-SEP-2002
LOCUS
DEFINITION Sequence 60 from Patent WO0242461.
ACCESSION AX498237
VERSION AX498237.1 GI:23343156
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
1 Chen, R., Chu, Z. L., Dang, H. T., Lowitz, K. P. and Pride, C.
Endogenous and non-endogenous versions of human g protein-coupled
receptors
JOURNAL Patent: WO 0242461-A 60 30-MAY-2002;
Arena Pharmaceuticals, Inc. (US)
FEATURES
source
1..20
/organism="synthetic construct"

REFERENCE
AUTHORS
TITLE
1 Chen, R., Chu, Z. L., Dang, H. T., Lowitz, K. P. and Pride, C.
Endogenous and non-endogenous versions of human g protein-coupled
receptors
JOURNAL Patent: WO 0242461-A 60 30-MAY-2002;
Arena Pharmaceuticals, Inc. (US)
FEATURES
source
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Novel Sequence"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2921 TCTTCTCCGCTCTCAAG 2938
3 TCTTCTCCGACGTCAAG 20

RESULT 758
AX526580 20 bp DNA linear PAT 21-NOV-2002
LOCUS
DEFINITION Sequence 295 from Patent WO0220847.
ACCESSION AX526580
VERSION AX526580.1 GI:25171387
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
1 Bodnar, J. S., Castellani, L. W., Chatterjee, A., de Jong, P.,
Lusis, A. J., Omen, J., Ross, D., Tatu, S. and Wu, C.
Gene and sequence variation associated with lipid disorder
JOURNAL Patent: WO 0220847-A 295 14-MAR-2002;
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
FEATURES
source
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Primer"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3598 CAGGCTAATCTCAACTC 3615
1 CAGGCTAATCTCAACTC 18

RESULT 759
AX547365 20 bp DNA linear PAT 01-MAR-2003
LOCUS
DEFINITION Sequence 504 from Patent WO02053141.
ACCESSION AX547365
VERSION AX547365.1 GI:25812509
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
1 Bratzler, R. L.
Inhibition of angiogenesis by nucleic acids
JOURNAL Patent: WO 02053141-A 504 11-OUT-2002;
Coley Pharmaceutical Group, Inc. (US)
FEATURES
source
1..20
/organism="synthetic construct"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1133 CCCAATGCCCTCGATG 1150
|||
20 CCGAATGCCCTCAGATG 3

RESULT 760
AX587514 20 bp DNA linear PAT 10-JAN-2003
LOCUS AX587514
DEFINITION Sequence 24 from Patent WO0236751.
ACCESSION AX587514
VERSION AX587514.1 GI:27656330
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Werner, P.
TITLE Human cord blood derived unrestricted somatic stem cells (usesc)
JOURNAL Patent: WO 0236751-A 24 10-MAY-2002;
Kourion Therapeutics GmbH (DE)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="3 primer for the CD105 gene"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4213 GTCACCTGTGTGTTG 4230
|||
3 GGCAGCTGTGTGTTG 20

RESULT 761
AX697631 20 bp DNA linear PAT 02-APR-2003
LOCUS AX697631
DEFINITION Sequence 222 from Patent WO0104311.
ACCESSION AX697631
VERSION AX697631.1 GI:29498725
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Ashkenazi, A.J., Botstein, D., Desnoyers, L., Eaton, D.L., Ferrara, N.,
Filvaroff, E., Fong, S., Gao, W.Q., Gerber, H., Gertsen, M.B.,
Goddard, A., Godowski, P.J., Grimaldi, C.J., Gunney, A.L., Hillan, K.J.,
Kliavin, I.J., Mather, J.P., Pan, J., Paoni, N.F., Roy, M.A.,
Stewart, T.A., Tumas, D., Williams, P.M. and Wood, W.I.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding
the same
JOURNAL Patent: WO 0104311-A 222 18-JAN-2001;
Genentech Inc. (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Oligonucleotide Probe"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1211 GCAGCCCCCATGGCAG 1228
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2 GCAGGCCCTCATGGCCAG 19

RESULT 762
AX742761 20 bp DNA linear PAT 12-MAY-2003
LOCUS AX742761
DEFINITION Sequence 564 from Patent EP1302550.
ACCESSION AX742761
VERSION AX742761.1 GI:30576750
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Lin, C.Y., Lin, R.W., You, C.M., Huang, H.H., Lee, B.H., Lee, H.H.,
Lin, Y.J., Fan, C.C., Hsu, H.C., Shih, C.W., Yen, C.H., Kao, Y.F.,
Pan, C.L. and Chan, P.
TITLE Method and detector for identifying subtypes of human papilloma
viruses
JOURNAL Patent: EP 1302550-A 564 16-APR-2003;
King Car Food Industrial Co., Ltd. (TW)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide for Identifying HPV CP8034"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2641 CTGCAGCTGTCTGTGAG 2658
|||
2 CTACATCTGTCTGTGAG 19

RESULT 763
AX798240 20 bp DNA linear PAT 08-OCT-2003
LOCUS AX798240
DEFINITION Sequence 13 from Patent WO03054755.
ACCESSION AX798240
VERSION AX798240.1 GI:37604518
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Hardham, J., King, K., Krishnan, R., McGavin, D. and Dreier, K.
TITLE Vaccine for periodontal disease
JOURNAL Patent: WO 03054755-A 13 03-JUL-2003;
Pfizer Products Inc. (US)
FEATURES
source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PF2185-AP3"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5040 TGGCAAGACCCCTGCAGA 5057
|||
2 TGGCAAGACTTTCAGA 19

RESULT 764

AX804995/c
LOCUS AX804995 20 bp DNA linear PAT 25-NOV-2003
DEFINITION Sequence 1163 from Patent WO03060160.
ACCESSION AX804995
VERSION AX804995.1 GI:38522136
KEYWORDS
SOURCE
ORGANISM
Oreochromis niloticus (Nile tilapia)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Actinopterygii; Neopterygii; Teleostei; Euteleostei; Neoteleostei;
Acanthomorpha; Acanthopterygii; Perciformes; Perciformes;
Labridae; Cichlidae; Oreochromis.
REFERENCE
1
AUTHORS Lie, Y., Sletten, A., Hoeyum, M. and Lingaas, F.
TITLE Verification of food origin based on nucleic acid pattern
JOURNAL recognition
PATENT: WO 03060160-A 1163 24-JUL-2003;
Genomax ASA (NO)
FEATURES
source location/Qualifiers
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/organism="Oreochromis niloticus"
/mol_type="unassigned DNA"
/db_xref="taxon:8128"
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Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 3302 TAGACCTGCAGCAGAACCA 3319
Db 20 TAGAGCTGCACACAGAACCA 3
RESULT 765
AX962802 20 bp DNA linear PAT 14-JAN-2004
LOCUS AX962802
DEFINITION Sequence 58 from Patent WO03104458.
ACCESSION AX962802
VERSION AX962802.1 GI:40881915
KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS Baker, B.F., Freier, S.M. and Dobie, K.W.
TITLE Antisense modulation of 11-1 receptor-associated kinase-1
JOURNAL expression
PATENT: WO 03104458-A 58 18-DEC-2003;
ISIS PHARMACEUTICALS, INC. (US)
FEATURES
source location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Antisense Oligonucleotide"
Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1634 AGCTGGCCAGTCAAGG 1651
Db 2 AGCTGGCCAGGCGCCAGG 19
RESULT 766
BD007716 20 bp DNA linear PAT 31-JAN-2002
LOCUS BD007716
DEFINITION Dioxin receptor gene and utilization thereof.
ACCESSION BD007716
VERSION BD007716.1 GI:18636089
KEYWORDS
SOURCE
synthetic construct

ORGANISM
synthetic construct
artificial sequences.
REFERENCE
1 (bases 1 to 20)
AUTHORS Oe, N.
JOURNAL Dioxin receptor gene and utilization thereof
PATENT: JP 2001078782-A 11 27-MAR-2001;
SUMITOMO CHEMICAL CO LTD
COMMENT
OS Artificial Sequence
PN JP 2001078782-A/11
PD 27-MAR-2001
PP 27-APR-2000 JP 2000127243
PR
PI NORIHA OE
PC C12N15/09, C07K14/705, C12N1/15, C12N1/19, C12N1/21, C12N5/10, PC
C12N7/00,
PC C12P21/02, C12Q1/02, G01N33/15, G01N33/50, G01N33/566, C12N15/00,
PC C12N5/00
CC
FH Key
FT source
FT location/Qualifiers
1..20
/organism="Artificial Sequence".
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source location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 515 GGACAGAGATGGCTGSCG 532
Db 2 GAACTGAGCTGCTGSCG 19
RESULT 767
BD075550 20 bp DNA linear PAT 27-AUG-2002
LOCUS BD075550
DEFINITION Secretory and transmembrane polypeptide and nucleic acid encoding
the same.
ACCESSION BD075550
VERSION BD075550.1 GI:22621153
KEYWORDS JP 2001516580-A/183.
SOURCE
ORGANISM
synthetic construct
artificial sequences.
REFERENCE
1 (bases 1 to 20)
AUTHORS Wood, W.I., Gurney, A.L., Goddard, A., Pentica, D., Chen, J. and Yuan, J.
TITLE Secretory and transmembrane polypeptide and nucleic acid encoding
JOURNAL the same
PATENT: JP 2001516580-A 183 02-OCT-2001;
GENENTECH INC
COMMENT
OS Artificial Sequence
PN JP 2001516580-A/183
PD 02-OCT-2001
PP 17-SEP-1998 JP 2000511867
PR 17-SEP-1997 US 60/059115, 17-SEP-1997 US 60/059117 PR
17-SEP-1997 US 60/059122, 17-SEP-1997 US 60/059117 PR
17-SEP-1997 US 60/059113, 17-SEP-1997 US 60/059121 PR
17-SEP-1997 US 60/059119, 18-SEP-1997 US 60/059263 PR
18-SEP-1997 US 60/059266, 15-OCT-1997 US 60/062125 PR
17-OCT-1997 US 60/062287, 17-OCT-1997 US 60/062285 PR
21-OCT-1997 US 60/063486, 24-OCT-1997 US 60/062816 PR
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24-OCT-1997 US 60/063045, 24-OCT-1997 US 60/063128 PR
27-OCT-1997 US 60/063329, 27-OCT-1997 US 60/063327 PR
28-OCT-1997 US 60/063549, 28-OCT-1997 US 60/063541 PR
28-OCT-1997 US 60/063550, 28-OCT-1997 US 60/063542 PR
28-OCT-1997 US 60/063544, 28-OCT-1997 US 60/063564 PR
29-OCT-1997 US 60/063734, 29-OCT-1997 US 60/063728 PR
29-OCT-1997 US 60/063704, 29-OCT-1997 US 60/063735 PR

29-OCT-1997 US 60/064215, 29-OCT-1997 US 60/063735 PR
29-OCT-1997 US 60/064103, 31-OCT-1997 US 60/063870 PR
03-NOV-1997 US 60/064248, 07-NOV-1997 US 60/064809 PR
12-NOV-1997 US 60/065186, 17-NOV-1997 US 60/065846 PR
18-NOV-1997 US 60/065693, 21-NOV-1997 US 60/066120 PR
21-NOV-1997 US 60/066364, 24-NOV-1997 US 60/066772 PR
24-NOV-1997 US 60/066466, 24-NOV-1997 US 60/066770 PR
25-NOV-1997 US 60/066511, 24-NOV-1997 US 60/066453 PR
25-NOV-1997 US 60/066840
PI WILLIAM I WOOD, AUSTIN L GURNEY, AUDLEY GODDARD, DIANE PENICA, PI
JEAN CHEN
PI JEAN YUAN
PC C12N15/09, C07K14/47, C07K14/705, C07K16/18, C07K16/28, C07K19/00,
PC C12N1/19,
PC C12N1/21, C12N5/10, C12P21/02, C12P21/08, C12Q1/02//C12P21/08, PC
C12R1/91,
PC C12N15/00, C12N5/00
CC Description of Artificial Sequence: Synthetic FH Key
Location/Qualifiers
FT source 1. .20
/organism='Artificial Sequence'.
Location/Qualifiers
1. .20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1211 GCAGGCCCTCATGCGCAG 1228
Db 2 GCAGGCCCTCATGCGCAG 19
|||||
|||||

RESULT 768
BD090153 20 bp DNA linear PAT 27-AUG-2002
LOCUS A method of arraying genome clone.
DEFINITION BD090153
ACCESSION BD090153
VERSION BD090153.1 GI:22635763
KEYWORDS JP 2001321190-A/2397.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Soeda, E.
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 2397 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTEC
COMMENT OS Artificial Sequence
PN JP 2001321190-A/2397
PD 20-NOV-2001
PF 12-MAR-2001 JP 2001068285
PI EIICHI SOEDA
PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
C12N15/00
PC C12N15/00
CC Description of Artificial Sequence: Synthetic DNA FH Key
Location/Qualifiers
FT source 1. .20
Location/Qualifiers
1. .20
/organism='Artificial Sequence'.
Location/Qualifiers
1. .20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

FEATURES
source

Qy 448 CACTGTTCTGCGCTGCC 465
Db 18 CACTGACTGCTGCTGCC 1
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RESULT 769
BD106301
LOCUS Novel LDL-receptor.
DEFINITION BD106301
ACCESSION BD106301
VERSION BD106301.1 GI:23201119
KEYWORDS JP 2002501376-A/316.
SOURCE Chlamydia sp.
ORGANISM Chlamydia sp.
REFERENCE 1 (bases 1 to 20)
AUTHORS Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, D., Hammond, H.
and Hey, P.
TITLE Novel LDL-receptor
JOURNAL Patent: JP 2002501376-A 316 15-JAN-2002;
THE WELLCOME TRUST LTD AS TRUSTEE TO THE WELLCOME TRUST, MERCK & CO
INC
COMMENT PN JP 2002501376-A/316
PD 15-JAN-2002
PF 15-APR-1998 JP 1998543635
PR 15-APR-1997 US 60/043553, 05-JUN-1997 US 60/048740 PI
JOHN ANDREW TODD, JOHN WILFRED HESS, CHARLES
THOMAS CASKEY, ROGER
PI DAVID COX,
PI DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
PC C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17,
PC A61K39/395,
PC A61K48/00
CC Strandedness: Single;
CC Topology: linear;
FH Key
Location/Qualifiers
1. .20
/organism="Chlamydia sp."
/mol_type="genomic DNA"
/db_xref="taxon:35827"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4793 TCCTGCACTCGACGCT 4810
Db 1 TCATGCACTCGACGCT 18
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|||||

RESULT 770
BD141118 20 bp DNA linear PAT 18-SEP-2002
LOCUS A highly sensitive method for detecting nucleic acids.
DEFINITION BD141118
ACCESSION BD141118
VERSION BD141118.1 GI:23236063
KEYWORDS WO 0202814-A/28.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Mineno, J., MeiYanto, E., Ishida, N., Takeya, T., Asada, K. and Kato, I.
TITLE A highly sensitive method for detecting nucleic acids
JOURNAL Patent: WO 0202814-A 28 10-JAN-2002;
TAKARA SHUZO CO LTD, JUNICHI MINENO, EDY MEIYANTO, NORIHIRO ISHIDA,
TATSUO TAKEYA, KIYOZO ASADA, IKUNOSHIN KATO
COMMENT OS Artificial Sequence
PN WO 0202814-A/28
PD 10-JAN-2002
PF 04-JUL-2001 WO 2001JP005783
PR 05-JUL-2000 JP 00P 204177, 26-APR-2001 JP 01P 129603 PI

JUNICHI MINENO, EDY MEIYANTO, NORIHIRO ISHIDA, TATSUO TAKEYA, PI
KIYOZO ASADA,
PI IKUNOSHIN KATO
PC C12Q1/68, C12P19/34, C12N15/09
CC Designed oligonucleotide primer to amplify a portion of PCNA
CC
FH Key gene
FT source 1..20 Location/Qualifiers
FT Location/Qualifiers
1..20 /organism='Artificial Sequence'.
/mol_type='synthetic construct'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1739 TCCTCATCCCGATGGTG 1756
DB 1 TCCTCATCCCGATCTTG 18

RESULT 771
BD170376 20 bp DNA linear PAT 17-JAN-2003
LOCUS Novel formate dehydrogenase and process for producing the same.
ACCESSION BD170376
VERSION BD170376.1 GI:27876188
KEYWORDS WO 0246427-A/6
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Takekaka, Y. and Namba, H.
TITLE Novel formate dehydrogenase and process for producing the same
JOURNAL Patent: WO 0246427-A 6 13-JUN-2002;
KANERA CORP, YASUKO TAKAKAKA, HIROKAZU NAMBA
COMMENT OS Artificial Sequence
PN WO 0246427-A/6
PD 13-JUN-2002
PR 04-DEC-2001 WO 2001JP010569
PR 04-DEC-2000 JP 00P 368838
PI YASUKO TAKAKAKA, HIROKAZU NAMBA
PC C12N15/53, C12N9/04, C12N1/21
CC Description of Artificial Sequence: primer-4
FH Key Location/Qualifiers
FT source 1..20 Location/Qualifiers
FT Location/Qualifiers
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/mol_type='synthetic construct'
/db_xref='taxon:32630'

FEATURES
source Location/Qualifiers
1..20 /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4664 AGATGGCGAGCTGTCA 4681
DB 2 AGAGCGCTGAGCTGTCA 19

RESULT 772
BD172410 20 bp DNA linear PAT 18-FEB-2003
LOCUS Secreted and transmembrane polypeptides and nucleic acids encoding
DEFINITION the same.
ACCESSION BD172410
VERSION BD172410.1 GI:28413710
KEYWORDS JP 2002223786-A/183.

SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wood, W.I., Gurney, A.L., Goddard, A., Pennica, D., Zheng, J. and Yuan, J.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding
JOURNAL Patent: JP 2002223786-A 183 13-AUG-2002;
GENENTECH INC
COMMENT OS Artificial Sequence
PN JP 2002223786-A/183
PD 13-AUG-2002
PR 18-DEC-2001 JP 2001385135
PR 17-SEP-1997 US 60/059115, 17-SEP-1997 US 60/059184 PR
17-SEP-1997 US 60/059122, 17-SEP-1997 US 60/059117 PR
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18-SEP-1997 US 60/059266, 15-OCT-1997 US 60/062125 PR
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28-OCT-1997 US 60/063549, 28-OCT-1997 US 60/063541 PR
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29-OCT-1997 US 60/063734, 29-OCT-1997 US 60/063738 PR
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29-OCT-1997 US 60/064215, 29-OCT-1997 US 60/063735 PR
29-OCT-1997 US 60/063732, 31-OCT-1997 US 60/064103 PR
31-OCT-1997 US 60/063870, 03-NOV-1997 US 60/064248 PR
07-NOV-1997 US 60/064809, 12-NOV-1997 US 60/065166 PR
17-NOV-1997 US 60/065846, 18-NOV-1997 US 60/065693 PR
21-NOV-1997 US 60/066120, 21-NOV-1997 US 60/066364 PR
24-NOV-1997 US 60/066772, 24-NOV-1997 US 60/066466 PR
24-NOV-1997 US 60/066770, 24-NOV-1997 US 60/066511 PR
24-NOV-1997 US 60/066453, 25-NOV-1997 US 60/066840 PI
WILLIAM I WOOD, AUSTIN L GURNEY, AUDREY GODDARD, DIANE PENNICA, PI
JIAN ZHENG,
PI JEAN YUAN
PC C12N15/09, C07K14/47, C07K16/18, C07K19/00, C12N1/19, C12N1/21, PC
C12N5/10,
PC C12P21/02, C12P21/08, (C12P21/02, C12R1:19), (C12P21/02, C12R1:91), PC
(C12P21/02, C12R1:645), C12N15/00, C12N5/00
CC Description of Artificial Sequence: Synthetic FH Key
Location/Qualifiers
FT source 1..20 Location/Qualifiers
FT Location/Qualifiers
1..20 /organism='Artificial Sequence'.
/mol_type='synthetic construct'
/db_xref='taxon:32630'

FEATURES
source Location/Qualifiers
1..20 /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 GCAGGCGCCGAGCGGAG 1228
DB 2 GCAGGCGCTCATGCGCAG 19

RESULT 773
BD172729 20 bp DNA linear PAT 18-FEB-2003
LOCUS Secreted and transmembrane polypeptides and nucleic acids encoding
DEFINITION the same.
ACCESSION BD172729
VERSION BD172729.1 GI:28414033

KEYWORDS JP 2002238586-A/183.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Wood, W.I., Gurney, A.L., Goddard, A., Pennica, D., Zheng, J. and Yuan, J.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding the same
JOURNAL Patent: JP 2002238586-A 183 27-AUG-2002;
GENENTECH INC
COMMENT OS Artificial Sequence
PN JP 2002238586-A/183
PD 27-AUG-2002
PF 18-DEC-2001 JP 2001385205
PR 17-SEP-1997 US 60/059115, 17-SEP-1997 US 60/059184 PR
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17-SEP-1997 US 60/059113, 17-SEP-1997 US 60/059121 PR
18-SEP-1997 US 60/059119, 18-SEP-1997 US 60/059263 PR
18-SEP-1997 US 60/059266, 15-OCT-1997 US 60/062125 PR
17-OCT-1997 US 60/062287, 17-OCT-1997 US 60/062285 PR
21-OCT-1997 US 60/063486, 24-OCT-1997 US 60/062816 PR
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24-OCT-1997 US 60/063120, 24-OCT-1997 US 60/063121 PR
24-OCT-1997 US 60/063045, 24-OCT-1997 US 60/063128 PR
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28-OCT-1997 US 60/063549, 28-OCT-1997 US 60/063541 PR
28-OCT-1997 US 60/063550, 28-OCT-1997 US 60/063542 PR
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29-OCT-1997 US 60/064215, 29-OCT-1997 US 60/063735 PR
29-OCT-1997 US 60/063732, 31-OCT-1997 US 60/064103 PR
31-OCT-1997 US 60/063870, 03-NOV-1997 US 60/064248 PR
07-NOV-1997 US 60/064809, 12-NOV-1997 US 60/065186 PR
17-NOV-1997 US 60/065846, 18-NOV-1997 US 60/065693 PR
21-NOV-1997 US 60/066120, 21-NOV-1997 US 60/066364 PR
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24-NOV-1997 US 60/066770, 24-NOV-1997 US 60/066511 PR
24-NOV-1997 US 60/066453, 25-NOV-1997 US 60/066840 PI
WILLIAM I WOOD, AUSTIN L GURNEY, ANDREY GODDARD, DIANE PENNICA, PI
JIAN ZHENG,
PI JEAN YUAN
PC C12N15/09, C07K14/47, C07K16/18, C07K19/00, C12N1/19, C12N1/21, PC
C12N5/10,
PC C12P21/02, C12P21/08, (C12N1/19, C12R1:645), (C12N1/21, C12R1:19),
PC (C12N5/10, C12R1:91), (C12P21/02, C12R1:91), (C12P21/02, C12R1:645), PC
(C12P21/02, C12R1:19), (C12P21/08, C12R1:91), C12N15/00, C12N5/00, PC
(C12N5/00, C12R1:91)
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Location/Qualifiers
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Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 GCAGGCCCCATGGGCAG 1228
DB 2 GCAGGCCCTCATGGCCAG 19

RESULT 774
BD173048 20 bp DNA linear PAT 18-FEB-2003
LOCUS Secreted and transmembrane polypeptides and nucleic acids encoding
DEFINITION

the same.
ACCESSION BD173048.1 GI:28414354
VERSION BD173048
KEYWORDS JP 2002238587-A/183.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Wood, W.I., Gurney, A.L., Goddard, A., Pennica, D., Zheng, J. and Yuan, J.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding the same
JOURNAL Patent: JP 2002238587-A 183 27-AUG-2002;
GENENTECH INC
COMMENT OS Artificial Sequence
PN JP 2002238587-A/183
PD 27-AUG-2002
PF 18-DEC-2001 JP 2001385248
PR 17-SEP-1997 US 60/059115, 17-SEP-1997 US 60/059184 PR
17-SEP-1997 US 60/059122, 17-SEP-1997 US 60/059117 PR
17-SEP-1997 US 60/059113, 17-SEP-1997 US 60/059263 PR
17-SEP-1997 US 60/059266, 15-OCT-1997 US 60/062125 PR
18-SEP-1997 US 60/062287, 17-OCT-1997 US 60/062285 PR
17-OCT-1997 US 60/063486, 24-OCT-1997 US 60/062816 PR
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24-OCT-1997 US 60/063129, 27-OCT-1997 US 60/063327 PR
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28-OCT-1997 US 60/063549, 28-OCT-1997 US 60/063542 PR
28-OCT-1997 US 60/063544, 28-OCT-1997 US 60/063564 PR
28-OCT-1997 US 60/063734, 29-OCT-1997 US 60/063738 PR
29-OCT-1997 US 60/063704, 29-OCT-1997 US 60/063435 PR
29-OCT-1997 US 60/063732, 31-OCT-1997 US 60/064103 PR
29-OCT-1997 US 60/064248, 29-OCT-1997 US 60/064248 PR
07-NOV-1997 US 60/064809, 12-NOV-1997 US 60/064248 PR
31-OCT-1997 US 60/063870, 03-NOV-1997 US 60/064248 PR
17-NOV-1997 US 60/065846, 18-NOV-1997 US 60/065186 PR
21-NOV-1997 US 60/066120, 21-NOV-1997 US 60/066364 PR
24-NOV-1997 US 60/066772, 24-NOV-1997 US 60/066466 PR
24-NOV-1997 US 60/066770, 24-NOV-1997 US 60/066511 PR
24-NOV-1997 US 60/066453, 25-NOV-1997 US 60/066840 PI
WILLIAM I WOOD, AUSTIN L GURNEY, ANDREY GODDARD, DIANE PENNICA, PI
JIAN ZHENG,
PI JEAN YUAN
PC C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
C12N15/02,
PC C12P21/02, C12P21/08, (C12P21/02, C12R1:91), (C12P21/02, C12R1:19), PC
(C12P21/02, C12R1:645), C12N15/00, C12N5/00, C12N15/00 CC
Description of Artificial Sequence: Synthetic FH Key
Location/Qualifiers
FT source 1..20
FT Location/Qualifiers
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/organism="Artificial Sequence".
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 GCAGGCCCCATGGGCAG 1228
DB 2 GCAGGCCCTCATGGCCAG 19

RESULT 775
BD173367 20 bp DNA linear PAT 18-FEB-2003
LOCUS Secreted and transmembrane polypeptides and nucleic acids encoding
DEFINITION

DEFINITION Secreted and transmembrane polypeptides and nucleic acids encoding the same.

ACCESSION BD173367

VERSION BD173367.1 GI:28414678

KEYWORDS JP 2002238588-A/183.

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1 (bases 1 to 20)

AUTHORS Wood, W., Gurney, A.L., Goddard, A., Pennica, D., Zheng, J. and Yuan, J.

TITLE Secreted and transmembrane polypeptides and nucleic acids encoding the same

JOURNAL Patent: JP 2002238588-A 183 27-AUG-2002;

COMMENT GENENTECH INC

OS Artificial Sequence

PN JP 2002238588-A/183

PD 27-AUG-2002

PF 18-DEC-2001 JP 2001385315

PR 17-SEP-1997 US 60/059115, 17-SEP-1997 US 60/059184 PR

17-SEP-1997 US 60/059122, 17-SEP-1997 US 60/059117 PR

17-SEP-1997 US 60/059113, 17-SEP-1997 US 60/059121 PR

17-SEP-1997 US 60/059119, 18-SEP-1997 US 60/059263 PR

18-SEP-1997 US 60/059266, 15-OCT-1997 US 60/062125 PR

17-OCT-1997 US 60/062287, 17-OCT-1997 US 60/062285 PR

21-OCT-1997 US 60/063486, 24-OCT-1997 US 60/062816 PR

24-OCT-1997 US 60/062814, 24-OCT-1997 US 60/062812 PR

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24-OCT-1997 US 60/063045, 24-OCT-1997 US 60/063128 PR

27-OCT-1997 US 60/063329, 27-OCT-1997 US 60/063327 PR

28-OCT-1997 US 60/063549, 28-OCT-1997 US 60/063541 PR

28-OCT-1997 US 60/063550, 28-OCT-1997 US 60/063542 PR

28-OCT-1997 US 60/063544, 28-OCT-1997 US 60/063564 PR

29-OCT-1997 US 60/063734, 29-OCT-1997 US 60/063738 PR

29-OCT-1997 US 60/063704, 29-OCT-1997 US 60/063435 PR

29-OCT-1997 US 60/064215, 29-OCT-1997 US 60/063735 PR

29-OCT-1997 US 60/063732, 31-OCT-1997 US 60/064103 PR

31-OCT-1997 US 60/063870, 31-OCT-1997 US 60/064248 PR

31-OCT-1997 US 60/064809, 31-OCT-1997 US 60/064186 PR

17-NOV-1997 US 60/065846, 18-NOV-1997 US 60/065693 PR

21-NOV-1997 US 60/066120, 21-NOV-1997 US 60/066364 PR

24-NOV-1997 US 60/066772, 24-NOV-1997 US 60/066466 PR

24-NOV-1997 US 60/066770, 24-NOV-1997 US 60/066511 PR

24-NOV-1997 US 60/066453, 25-NOV-1997 US 60/066840 PR

WILLIAM I WOOD, AUSTIN L GURNEY, AUDREY GODDARD, DIANE PENNICA, PI

PI JIAN ZHENG,

PI JEAN YUAN

PC C12N15/09, C07K14/435, C07K16/18, C07K19/00, C12N1/19, C12N1/21, PC

C12N5/10,

PC C12P21/02, C12P21/08, C12N1/19, C12R1:645, C12N1/21, C12R1:19,

PC C12N5/10, C12R1:91, C12N15/00, C12N5/00, C12N1:91 CC

Description of Artificial Sequence: Synthetic FH Key

Location/Qualifiers

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/db_xref='taxon:32630'

Query Match 0.3%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 6.1e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 GCAGGCCCATGGGCG 1228

DB 2 GCAGGCCCATGGGCG 19

RESULT 776

ARI29449

LOCUS ARI29449 21 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 21 from patent US 6187533.

ACCESSION ARI29449

VERSION ARI29449.1 GI:14117346

KEYWORDS .

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)

AUTHORS Bell, G.I., Yamagata, K., Oda, N., Kaisaki, P.J., Furuta, H., Horikawa, Y. and Menzel, S.

TITLE Mutations in the diabetes susceptibility genes hepatocyte nuclear factor (HNF) 1 alpha (.alpha.), HNF1.beta. and HNF4.alpha

JOURNAL Patent: US 6187533-A 21 13-FEB-2001;

FEATURES Location/Qualifiers

source 1..21

/organism='unknown'

/mol_type='unassigned DNA'

Query Match 0.3%; Score 14.8; DB 1; Length 21;

Best Local Similarity 88.9%; Pred. No. 6.3e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4280 TCCCAAGTACTGCTCCA 4297

DB 4 TCCCTAGGAGCTGCTCCA 21

RESULT 777

ARI29450/C

LOCUS ARI29450 21 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 22 from patent US 6187533.

ACCESSION ARI29450

VERSION ARI29450.1 GI:14117347

KEYWORDS .

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)

AUTHORS Bell, G.I., Yamagata, K., Oda, N., Kaisaki, P.J., Furuta, H., Horikawa, Y. and Menzel, S.

TITLE Mutations in the diabetes susceptibility genes hepatocyte nuclear factor (HNF) 1 alpha (.alpha.), HNF1.beta. and HNF4.alpha

JOURNAL Patent: US 6187533-A 22 13-FEB-2001;

FEATURES Location/Qualifiers

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Query Match 0.3%; Score 14.8; DB 1; Length 21;

Best Local Similarity 88.9%; Pred. No. 6.3e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4280 TCCCAAGTACTGCTCCA 4297

DB 18 TCCCTAGGAGCTGCTCCA 1

RESULT 778

ARI64117/C

LOCUS ARI64117 21 bp DNA linear PAT 17-OCT-2001

DEFINITION Sequence 21 from patent US 6271344.

ACCESSION ARI64117

VERSION ARI64117.1 GI:16235063

KEYWORDS .

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)

AUTHORS Turley, P.A.

TITLE Enhanced affinity hyaluronan binding peptides

JOURNAL Patent: US 6271344-A 21 07-AUG-2001;

FEATURES Location/Qualifiers

source 1..21

		/organism="unknown" /mol_type="unassigned DNA"
Query Match	0.3%; Score 14.8; DB 1;	Length 21;
Best Local Similarity	88.9%; Pred. No. 6.3e+02;	
Matches 16; Conservative	0; Mismatches 2;	Indels 0; Gaps 0;
Oy	2384 TCATTCACCTGTTCC 2401 	
Db	21 TCTTTCACCTGTACC 4	
RESULT 779		
LOCUS	ARI76587	21 bp DNA linear PAT 17-DEC-2001
DEFINITION	Sequence 30 from patent US 6312892.	
ACCESSION	ARI76587	
VERSION	ARI76587.1 GI:17918942	
KEYWORDS	.	
SOURCE	Unknown.	
ORGANISM	Unknown.	
REFERENCE	Unclassified.	
AUTHORS	1 (bases 1 to 21)	
TITLE	Barany,F., Luo,Y., Khanna,M. and Bergstrom,D.B. High fidelity detection of nucleic acid differences by ligase detection reaction Patent: US 6312892-A 30 06-NOV-2001; Location/Qualifiers 1..21 /organism="unknown" /mol_type="unassigned DNA"	
JOURNAL		
FEATURES		
source		
Query Match	0.3%; Score 14.8; DB 1;	Length 21;
Best Local Similarity	88.9%; Pred. No. 6.3e+02;	
Matches 16; Conservative	0; Mismatches 2;	Indels 0; Gaps 0;
Oy	4217 CCTCTGTCGTGGTTT 4234 	
Db	4 CGTCGCGTGTCCTT 21	
RESULT 780		
LOCUS	BD188747	21 bp DNA linear PAT 17-JUL-2003
DEFINITION	Animal deficient in retinoic acid-inactivating enzyme gene.	
ACCESSION	BD188747	
VERSION	BD188747.1 GI:32998486	
KEYWORDS	JP 2003018941-A/2.	
SOURCE	synthetic construct artificial sequence.	
ORGANISM	1 (bases 1 to 21)	
AUTHORS	Hanada,H., Sakai,Y., Meno,C., Fujii,S., Nishino,J., Shiratori,H. and Saijo,Y.	
TITLE	Animal deficient in retinoic acid-inactivating enzyme gene	
JOURNAL	Patent: JP 2003018941-A 2 21-JAN-2003; JAPAN SCIENCE AND TECHNOLOGY CORP	
COMMENT	OS Artificial Sequence PN JP 2003018941-A/2 PD 21-JAN-2003 PF 09-JUL-2001 JP 2001207872 PI HIROSHI HAMADA,YASUO SAKAI,CHIKARA MEMO,SHUTA FUJII,JINSUKE NISHINO, PI HIDEKAZU SHIRATORI,YUKIO SAJIO PC A01K67/027//C12N15/09,C12N15/00 CC Animal deficient in retinoic acid-inactivating enzyme gene FH Key Location/Qualifiers FT source 1..21 /organism='Artificial Sequence'.	
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	location/Qualifiers	
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Best Local Similarity	88.9%;	Pred. No. 6.3e+02;		
Matches 16;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;
Qy	1778	TCGAGAGCCGAGTTCTG	1795	
Db	1	TCGATGAGCCGAGTTCTG	18	
RESULT 781				
LOCUS	CQ787004	21 bp	DNA	linear PAT 24-MAR-2004
DEFINITION	Sequence 10 from Patent WO2004020661.			
ACCESSION	CQ787004			
VERSION	CQ787004.1	GI:45721987		
KEYWORDS				
SOURCE	synthetic construct			
ORGANISM	synthetic construct			
REFERENCE	artificial sequences.			
AUTHORS	1			
TITLE	Sendtner,M. and Boemmel,H.			
JOURNAL	Test system for the discovery of active agents in nerve cell diseases			
Patent: WO 2004020661-A	10 11-MAR-2004;			
Medinnova Gesellschaft fuer Medizinische Innovation en aus				
Akademische Forschung mbH (DE)				
Location/Qualifiers				
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/organism="synthetic construct"				
/mol_type="unassigned DNA"				
/db_xref="taxon:32630"				
/note="Primer"				
Query Match	0.3%;	Score 14.8;	DB 1;	Length 21;
Best Local Similarity	88.9%;	Pred. No. 6.3e+02;		
Matches 16;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;
Qy	4496	TACCTTCACCTCTGGATG	4513	
Db	2	TACCTTCCTCTCTGGATG	19	
RESULT 782				
LOCUS	CQ821188	21 bp	DNA	linear PAT 14-JUN-2004
DEFINITION	Sequence 18 from Patent WO2004046377.			
ACCESSION	CQ821188			
VERSION	CQ821188.1	GI:48715872		
KEYWORDS				
SOURCE	synthetic construct			
ORGANISM	synthetic construct			
REFERENCE	artificial sequences.			
AUTHORS	1			
TITLE	Casari,G., de Fusco,M. and Marconi,R.			
JOURNAL	Diagnostic and therapeutic means for pathologies associated with alpha 2 subunit of the na, k pump			
Patent: WO 2004046377-A	18 03-JUN-2004;			
FONDAZIONE CENTRO SAN ROMANELLO DEL MONTE TABOR (IT)				
Location/Qualifiers				
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Query Match	0.3%;	Score 14.8;	DB 1;	Length 21;
Best Local Similarity	88.9%;	Pred. No. 6.3e+02;		
Matches 16;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;
Qy	1179	CAGAGAGAGAGAGAGA	1196	
Db	18	CAGAGAGAGAGAGAGGA	1	

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RESULT 783
LOCUS AR298945/c 21 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 10680 from patent US 6537751.
ACCESSION AR298945
VERSION AR298945.1 GI:31686229
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
JOURNAL disequilibrium map of the human genome
FEATURES
source Location/Qualifiers
1..21
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 560 TCGAGTTCTCGAAGAGG 577
DB 18 TCGAGTTCTCGAAGAGG 1

RESULT 784
LOCUS AR342726 21 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 30 from patent US 6576453.
ACCESSION AR342726
VERSION AR342726.1 GI:33737913
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Barany,F., Luo,J., Khanna,M. and Bergstrom,D.E.
TITLE Thermosettable DNA ligase mutants
JOURNAL Patent: US 6576453-A 30 10-JUN-2003;
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source Location/Qualifiers
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Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4217 CCTCTGGGAGTGTGCTT 4234
DB 4 CCTCTGGGAGTGTGCTT 21

RESULT 785
LOCUS AX032999/c 21 bp DNA linear PAT 21-SEP-2000
DEFINITION Sequence 6 from Patent WO0044786.
ACCESSION AX032999
VERSION AX032999.1 GI:10279902
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Jentech,T.J.
TITLE Novel potassium channels and genes encoding these potassium
channels

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JOURNAL Patent: WO 0044786-A 6 03-AUG-2000;
NEUROSEARCH AS (DK)
FEATURES
source Location/Qualifiers
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/mol_type="synthetic construct"
/db_xref="taxon:32630"
/note="PCR primer"

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 909 CCAGGCTCAGAGAGAG 926
DB 21 CCATGCTCAGAGAGAG 4

RESULT 786
LOCUS AX047392 21 bp DNA linear PAT 15-DEC-2000
DEFINITION Sequence 8 from Patent WO0068402.
ACCESSION AX047392
VERSION AX047392.1 GI:11876620
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS van den Ende,W., van laere,A., de Roover,J. and Michiels,A.
TITLE Manipulation of fructan catabolism in plants
JOURNAL Patent: WO 0068402-A 8 16-NOV-2000;
K.U. Leuven Research & Development (BB)
FEATURES
source Location/Qualifiers
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/mol_type="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer EXPRHF"

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 912 GGGCTCAGAGAGAGGCT 929
DB 3 GTGCTCAGAAAGAGGCT 20

RESULT 787
LOCUS AX094980 21 bp DNA linear PAT 30-MAR-2001
DEFINITION Sequence 158 from Patent WO0118250.
ACCESSION AX094980
VERSION AX094980.1 GI:13511183
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE Homo sapiens
AUTHORS Eukaryota; Metazoa; Chordata; Graptata; Vertebrata; Euteleostomi;
TITLE Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
JOURNAL 1
Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.O. and
McCarthy,J.U.
TITLE Single nucleotide polymorphisms in genes
JOURNAL Patent: WO 0118250-A 158 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
Pharmaceuticals, Inc. (US)
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source Location/Qualifiers
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/mol_type="Homo sapiens"
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Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 6.3e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 4670 GGAGCTGTTCAGCTGAGC 4689
DB 1 GGAGCTGTTCAGCTGAGC 20

RESULT 788
AX095011/c 21 bp DNA linear PAT 30-MAR-2001
LOCUS Sequence 189 from Patent WO0118250.
ACCESSION AX095011
VERSION AX095011.1 GI:13511214
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and
McCarthy,J.J.
TITLE Single nucleotide polymorphisms in genes
JOURNAL Patent: WO 0118250-A 189 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
Pharmaceuticals, Inc. (US)
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Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 6.3e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5053 GCAGACCTCATAGACCTCA 5072
DB 21 GCAGACCTCATAGACCTCA 2

RESULT 789
AX095138/c 21 bp DNA linear PAT 30-MAR-2001
LOCUS Sequence 316 from Patent WO0118250.
ACCESSION AX095138
VERSION AX095138.1 GI:13511341
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and
McCarthy,J.J.
TITLE Single nucleotide polymorphisms in genes
JOURNAL Patent: WO 0118250-A 316 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
Pharmaceuticals, Inc. (US)
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source location/Qualifiers
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Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 6.3e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 3459 TCAGCTGTCATCTTCAGCA 3478
DB 21 TCAGCTGTCATCTTCCTCA 2

RESULT 790
AX095444 21 bp DNA linear PAT 30-MAR-2001
LOCUS Sequence 622 from Patent WO0118250.
ACCESSION AX095444
VERSION AX095444.1 GI:13511647
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and
McCarthy,J.J.
TITLE Single nucleotide polymorphisms in genes
JOURNAL Patent: WO 0118250-A 622 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
Pharmaceuticals, Inc. (US)
FEATURES
source location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 6.3e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2645 AGCTGCTGCTGACGCCACAC 2664
DB 1 AGCTGCTGACRCGCCACAC 20

RESULT 791
AX096769/c 21 bp DNA linear PAT 30-MAR-2001
LOCUS Sequence 1947 from Patent WO0118250.
ACCESSION AX096769
VERSION AX096769.1 GI:13513023
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and
McCarthy,J.J.
TITLE Single nucleotide polymorphisms in genes
JOURNAL Patent: WO 0118250-A 1947 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
Pharmaceuticals, Inc. (US)
FEATURES
source location/Qualifiers
1..21
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 6.3e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1798 CTCCTGTCGACTGAGCCA 1817
DB 20 CTCCTGTCGACTGAGACA 1

RESULT 792
AX097013/c 21 bp DNA linear PAT 30-MAR-2001
LOCUS Sequence 2191 from Patent WO0118250.
ACCESSION AX097013

VERSION AX097013.1 GI:13513281
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS Lander, E.S., Gargill, M., Ireland, J.S., Bolik, S., Daley, G.O. and McCarthy, J.J.
TITLE Single nucleotide polymorphisms in genes
JOURNAL Patent: WO 0118250-A 2191 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium Pharmaceuticals, Inc. (US)
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1. .21
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Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 6.3e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
QY 1559 AGGTGAAGAGAGCCTGGCG 1578
DB 21 AGGTGAAGAGAGCCTGGCG 2
RESULT 793
AX097119/c 21 bp DNA linear PAT 30-MAR-2001
LOCUS Sequence 2297 from Patent WO0118250.
DEFINITION AX097119
ACCESSION AX097119.1 GI:13513389
VERSION
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS Lander, E.S., Gargill, M., Ireland, J.S., Bolik, S., Daley, G.O. and McCarthy, J.J.
TITLE Single nucleotide polymorphisms in genes
JOURNAL Patent: WO 0118250-A 2297 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium Pharmaceuticals, Inc. (US)
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Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
QY 110 TTCTCAGCCTTGCACTCAA 129
DB 21 TGCTGAGCCTGCACTCAA 2
RESULT 794
AX354512/c 21 bp DNA linear PAT 06-FEB-2002
LOCUS AX354512
DEFINITION Sequence 4 from Patent WO0194414.
ACCESSION AX354512
VERSION AX354512.1 GI:18619327
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Qin, N., Codd, E. and D'Andrea, M.

TITLE The human voltage gated sodium channel _g(b)-1a subunit and methods of use
JOURNAL Patent: WO 0194414-A 4 13-DEC-2001;
Ortho McNeil Pharmaceuticals, Inc. (US)
FEATURES
source
1. .21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="oligonucleotide primer"
Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 4996 GTCCAGGTGCGCTACAG 5013
DB 18 GTCCAGGTGCGCGAATYG 1
RESULT 795
AX513749/c 21 bp DNA linear PAT 05-OCT-2002
LOCUS AX513749
DEFINITION Sequence 14 from Patent WO0234547.
ACCESSION AX513749
VERSION AX513749.1 GI:23559890
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Khripin, Y.
TITLE Detecting specific nucleotide sequences
JOURNAL Patent: WO 0234947-A 14 02-MAY-2002;
Khripin, Yuri (US)
FEATURES
source
1. .21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"
Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1411 AAGAGAGCTGGCTGAT 1428
DB 21 AAGAGAGCTGGCTGAT 4
RESULT 796
AX644916/c 21 bp DNA linear PAT 27-FEB-2003
LOCUS AX644916
DEFINITION Sequence 11 from Patent WO02064835.
ACCESSION AX644916
VERSION AX644916.1 GI:28610881
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Brown, D., Winkler, M.M., Lawrence, F. and Shelton, J.
TITLE Methods for nucleic acid fingerprint analysis
JOURNAL Patent: WO 02064835-A 11 22-AUG-2002;
AMBION, INC. (US)
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1. .21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic primer"

Query Match 0.3%; Score 14.8; DB 1; Length 21;
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 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 3641 TTGCTGAGATTCGAGAG 3658
 DB 18 TTGCTGAGATTCGTGAGG 1

RESULT 797
 AX797922 21 bp DNA linear PAT 08-OCT-2003
 LOCUS Sequence 25 from Patent EP1325955.
 DEFINITION AX797922
 ACCESSION AX797922
 VERSION AX797922.1 GI:37604247
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE
 AUTHORS 1 Kippel-Giese, A., Kaufmann, J. and Giese, K.
 TITLE Compounds and methods for the identification and/or validation of a target
 JOURNAL Patent: EP 1325955-A 25 09-JUL-2003;
 acugen AG (DE)
 FEATURES
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 /organism="synthetic construct"
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 /db_xref="taxon:32630"
 /note="GB 86"

Query Match 0.3%; Score 14.8; DB 1; Length 21;
 Best Local Similarity 88.9%; Pred. No. 6.3e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 4413 TGAAGCTGTGCTGTGCGA 4430
 DB 4 TGAAGCTGTGCTGTGCGA 21

RESULT 798
 AX804385 21 bp DNA linear PAT 25-NOV-2003
 LOCUS Sequence 553 from Patent WO03060160.
 DEFINITION AX804385
 ACCESSION AX804385
 VERSION AX804385.1 GI:38521526
 KEYWORDS
 SOURCE Oreochromis niloticus (Nile tilapia)
 ORGANISM Oreochromis niloticus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Actinopterygii; Neopterygii; Teleostei; Euteleostei; Neoteleostei;
 Acanthomorpha; Acanthopterygii; Percormorpha; Perciformes;
 Labroidae; Cichlidae; Oreochromis.

REFERENCE
 AUTHORS 1 Lie, Y., Sletten, A., Hoeyum, M. and Lingaas, F.
 TITLE Verification of food origin based on nucleic acid pattern
 JOURNAL Patent: WO 03060160-A 553 24-JUL-2003;
 Genomar ASA (NO)
 FEATURES
 source Location/Qualifiers
 1..21
 /organism="Oreochromis niloticus"
 /mol_type="unassigned DNA"
 /db_xref="taxon:8128"

Query Match 0.3%; Score 14.8; DB 1; Length 21;
 Best Local Similarity 88.9%; Pred. No. 6.3e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 2738 AAGAAATGGCAGTGTG 2755
 DB 4 AAGAAATGGCAGTGTG 21

RESULT 799
 AX804921/c 21 bp DNA linear PAT 25-NOV-2003
 LOCUS Sequence 1089 from Patent WO03060160.
 DEFINITION AX804921
 ACCESSION AX804921
 VERSION AX804921.1 GI:38522062
 KEYWORDS
 SOURCE Oreochromis niloticus (Nile tilapia)
 ORGANISM Oreochromis niloticus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Actinopterygii; Neopterygii; Teleostei; Euteleostei; Neoteleostei;
 Acanthomorpha; Acanthopterygii; Percormorpha; Perciformes;
 Labroidae; Cichlidae; Oreochromis.

REFERENCE
 AUTHORS 1 Lie, Y., Sletten, A., Hoeyum, M. and Lingaas, F.
 TITLE Verification of food origin based on nucleic acid pattern
 JOURNAL Patent: WO 03060160-A 1089 24-JUL-2003;
 Genomar ASA (NO)
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 /db_xref="taxon:8128"

Query Match 0.3%; Score 14.8; DB 1; Length 21;
 Best Local Similarity 88.9%; Pred. No. 6.3e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 3831 TGTAGCTGCTCTTACCG 3848
 DB 21 TGTATTTGCTCTTACCG 4

RESULT 800
 ATH525863 21 bp DNA linear PLN 29-MAR-2003
 LOCUS Arabidopsis thaliana T-DNA flanking sequence, left border, clone
 DEFINITION 108B08.
 ACCESSION AJ525863
 VERSION AJ525863.1 GI:26794123
 KEYWORDS left border; T-DNA flanking sequence.
 SOURCE Arabidopsis thaliana (thale cress)
 ORGANISM Arabidopsis thaliana
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.

REFERENCE
 AUTHORS 1 Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F.,
 Chauvin, S., Bechtold, N., Cruaud, C., Derose, R., Pelletier, G.,
 Lepoint, L., Caboche, M. and Leclercq, A.
 TITLE T-DNA integration into the Arabidopsis genome depends on sequences
 of pre-insertion sites
 JOURNAL EMBO Rep. 3 (12), 1152-1157 (2002)
 MEDLINE 12446565
 PUBMED 12446565
 REFERENCE 2 (bases 1 to 21)
 AUTHORS Balzergue, S.
 TITLE Direct Submision
 JOURNAL Submitted (21-NOV-2002) Balzergue S., UMRGV, INRA/CNRS, 2 rue
 Gaston Cremieux, 91057 Evry cedex, FRANCE
 COMMENT PCR was performed on DNA from transformants of Arabidopsis thaliana
 plants from INRA (Versailles). The DNA fragment (s) resulting from
 the PCR were directly sequenced from the left or the right border
 to determine the genomic sequence flanking the insertion. T-DNA
 derived sequences were removed. Information to order the
 corresponding mutant line and a link to a database providing a
 graphical display of the insertion site are available at
 http://dbgap.versailles.inra.fr/publiclines/. This sequence has
 been generated in the framework of the French plant genomics
 program 'genoplante' (http://www.genoplante.com and

http://genoplante-info.infobiogen.fr).

FEATURES
source
1. .21
/organism="Arabidopsis thaliana"
/mol_type="genomic DNA"
/cuiivar="Wassililewskija"
/db_xref="taxon:3702"
/clone="108E08"
/clone_1lb="Arabidopsis thaliana T-DNA insertion lines"
1. .21
/note="T-DNA flanking sequence
left border"

Query Match
Best Local Similarity 88.9%; Pred. No. 6.3e+02; Length 21;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3631 ATCTTCCCAATGCTGAG 3648
18 ATCTTCCCAATGCTGAG 1

RESULT 801
DOGPND
LOCUS DOGPND 21 bp DNA linear STS 11-APR-1996
DEFINITION Canis familiaris Promatridiolactin (PND) STS DNA, 3' primer,
sequence tagged site.
ACCESSION L77336
VERSION L77336.1 GI:1261748
KEYWORDS STS; PCR identification; PCR primer; Promatridiolactin; sequence
tagged site; universal mammalian STS.
SOURCE Canis familiaris (dog)
ORGANISM Canis familiaris
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
REFERENCE
AUTHORS Venter, P.J., Brouillette, J.A., Yuzbasiyan-Gurkan, V. and Brewer, G.J.
TITLE Gene-specific universal mammalian sequence-tagged sites:
application to the canine genome
JOURNAL Unpublished (1996)
COMMENT Original source text: Canis familiaris DNA.
Gene-specific universal mammalian sequence-tagged site for PND.
Primer for 3' end of product is in exon 2. Human product is 467
bp. Canine product is 436 bp. PCR conditions: 1 min, 94 C, 1.5
min, 59 C, 4 min, 72 C, 35 cycles.
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source
1. .21
/organism="Canis familiaris"
/mol_type="genomic DNA"
/db_xref="taxon:9615"
1. .21
/note="PCR primer binding site"
/evidence=experimental
1. .21
STS
Query Match
Best Local Similarity 88.9%; Pred. No. 6.3e+02; Length 21;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 307 CAGGCCCTCTGGCTCC 324
1 CAGTCCGCTCTGGCTCC 18

RESULT 802
AX530370
LOCUS AX530370 30 bp DNA linear PAT 21-NOV-2002
DEFINITION Sequence 93 from Patent WO0240668.
ACCESSION AX530370
VERSION AX530370.1 GI:25173258
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct

artificial sequences.

REFERENCE
1
Tschopp, J. and Martignon, F.
AUTHORS
TITLE Proteins and dna sequences underlying these proteins used for
treating inflammations
JOURNAL Patent: WO 0240668-A 93 23-MAY-2002;
Apotech Research and Development Ltd. (CH)
FEATURES
source
1. .30
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer JT1500 (S. 49) "

Query Match
Best Local Similarity 88.9%; Pred. No. 7.5e+02; Length 30;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1618 TACTTCAGCTGCAGAG 1635
6 TACTTCAGCTGCAGAG 23

RESULT 803
A12055/C
LOCUS A12055 16 bp DNA linear PAT 09-DEC-1993
DEFINITION Oligonucleotide.
ACCESSION A12055
VERSION A12055.1 GI:491256
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
AUTHORS Eppien, J.T.
TITLE Process for the detection of restriction fragment length
polymorphisms in eukaryotic genomes
JOURNAL Patent: EP 0266787-A 15 11-MAY-1988;
Max-Planck-Gesellschaft zur Foerderung der Wissenschaften
FEATURES
source
1. .16
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 93.8%; Pred. No. 6.2e+02; Length 16;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGGAAAGAGAGAG 1195
16 AGGAGAGAGAGAGAG 1

RESULT 804
A12056
LOCUS A12056 16 bp DNA linear PAT 09-DEC-1993
DEFINITION Oligonucleotide.
ACCESSION A12056
VERSION A12056.1 GI:489450
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
AUTHORS Eppien, J.T.
TITLE Process for the detection of restriction fragment length
polymorphisms in eukaryotic genomes
JOURNAL Patent: EP 0266787-A 16 11-MAY-1988;
Max-Planck-Gesellschaft zur Foerderung der Wissenschaften
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/db_xref="taxon:32630"

Query Match
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Best Local Similarity 93.8%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAG 1195
      |||||
Db      1 AGAGAGAGAGAGAGAG 16

RESULT 805
AR042880/c      AR042880      16 bp      DNA      linear      PAT 29-SEP-1999
LOCUS      Sequence 10 from patent US 5811538.
DEFINITION      AR042880
ACCESSION      AR042880.1 GI:5963376
VERSION
KEYWORDS
SOURCE      Unknown.
ORGANISM      Unclassified.
REFERENCE      1 (bases 1 to 16)
AUTHORS      Riley,T.Andrew., Reynolds,M.Alan., Snyder,L.Robert. and Klem,R.E.
TITLE      Process for the purification of oligomers
JOURNAL      Patent: US 5811538-A 10 22-SEP-1998;
FEATURES      Location/Qualifiers
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            /mol_type="unassigned DNA"

Query Match
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Best Local Similarity 93.8%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAG 1195
      |||||
Db      16 AGAGAGAGAGAGAGAG 1

RESULT 806
AR106504      AR106504      16 bp      DNA      linear      PAT 14-FEB-2001
LOCUS      Sequence 28 from patent US 6107060.
DEFINITION      AR106504
ACCESSION      AR106504
VERSION      AR106504.1 GI:12821034
KEYWORDS
SOURCE      Unknown.
ORGANISM      Unclassified.
REFERENCE      1 (bases 1 to 16)
AUTHORS      Keeling,P. and Guan,H.
TITLE      Starch encapsulation
JOURNAL      Patent: US 6107060-A 28 22-AUG-2000;
FEATURES      Location/Qualifiers
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            /organism="Unknown"
            /mol_type="unassigned DNA"

Query Match
  0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAG 1195
      |||||
Db      1 AGAGAGAGAGAGAGAG 16

RESULT 807
AR148152      AR148152      16 bp      DNA      linear      PAT 08-AUG-2001
LOCUS      Sequence 8 from patent US 6225061.
DEFINITION      AR148152
ACCESSION
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VERSION      AR148152.1 GI:15112242
KEYWORDS      Unknown.
SOURCE      Unknown.
ORGANISM      Unclassified.
REFERENCE      1 (bases 1 to 16)
AUTHORS      Becker,T., Koster,H. and Cantor,C.
TITLE      Systems and methods for performing reactions in an unsealed environment
JOURNAL      Patent: US 6225061-A 8 01-MAY-2001;
FEATURES      Location/Qualifiers
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Query Match
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Best Local Similarity 93.8%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4738 GAGACCATCTCTCACC 4753
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Db      1 GAGGCCATCTCTCACC 16

RESULT 808
CQ806788      CQ806788      16 bp      DNA      linear      PAT 10-MAY-2004
LOCUS      Sequence 238 from Patent WO2004035803.
DEFINITION      CQ806788
ACCESSION      CQ806788
VERSION      CQ806788.1 GI:47112170
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
REFERENCE      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS      Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
            1
            Fockens,J., Harbeck,N., Koenig,T., Maier,S., Martens,J., Model,F.,
            Nimmrich,I., Rujan,T., Schmitt,A., Schmitt,M., Look,M.P. and
            Marx,A.
            Method and nucleic acids for the improved treatment of breast cell
            proliferative disorders
            Patent: WO 2004035803-A 238 29-APR-2004;
            Epigenomics AG (DE)
            Location/Qualifiers
            1..16
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match
  0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4871 CTCAGTTCTTCTCTCT 4886
      |||||
Db      16 CTCAGTTCTTCTCTCT 1

RESULT 809
CQ808268/c      CQ808268      16 bp      DNA      linear      PAT 10-MAY-2004
LOCUS      Sequence 1718 from Patent WO2004035803.
DEFINITION      CQ808268
ACCESSION      CQ808268
VERSION      CQ808268.1 GI:47113662
KEYWORDS
SOURCE      synthetic construct
ORGANISM      synthetic construct
REFERENCE      1
AUTHORS      Fockens,J., Harbeck,N., Koenig,T., Maier,S., Martens,J., Model,F.,
            Nimmrich,I., Rujan,T., Schmitt,A., Schmitt,M., Look,M.P. and
            Marx,A.
            Method and nucleic acids for the improved treatment of breast cell
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proliferative disorders
Patent: WO 2004035803-A 1718 29-APR-2004;
EpiGenomics AG (DE)
Location/Qualifiers
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1. .16
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Detection oligonucleotide for CTSD"

Query Match 0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 344 TACCATTCCCTCTA 359
16 TACCACTCACCCTCTA 1

RESULT 810
AR194731/c 16 bp DNA linear PAT 20-APR-2002
LOCUS AR194731
DEFINITION Sequence 21. from patent US 6348583.
ACCESSION AR194731
VERSION AR194731.1 GI:20241323
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Segev,D.
TITLE Poly(ether-thioether), poly(ether-sulfoxide) and poly(ether-sulfone) nucleic acids
JOURNAL Patent: US 6348583-A 21 19-FEB-2002;
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1. .16
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGA 1196

Db 1 GAGAGAGAGAGAGA 16
|||||
|||||

RESULT 812
AR256817 16 bp DNA linear PAT 20-DEC-2002
LOCUS AR256817
DEFINITION Sequence 8 from patent US 6485913.
ACCESSION AR256817
VERSION AR256817.1 GI:27306436
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Becker,T., Koester,H. and Cantor,C.
TITLE Systems and methods for performing reactions in an unsealed environment
JOURNAL Patent: US 6485913-A 8 26-NOV-2002;
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source
1. .16
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4738 GAGACCCATCTCACC 4753
1 GAGGCCCATCTCACC 16
|||||
|||||

RESULT 813
BD187272 17 bp DNA linear PAT 17-JUN-2003
LOCUS BD187272
DEFINITION Guanosine triphosphate-binding protein coupled receptors.
ACCESSION BD187272
VERSION BD187272.1 GI:31879561
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 17)
AUTHORS Suwa,M., Arai,K., Akiyama,Y., Aburatani,H., Oda,K. and Tsuritani,K.
TITLE Guanosine triphosphate-binding protein coupled receptors
JOURNAL Patent: WO 02103005-A 25 27-DEC-2002;
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY,
CENTER FOR ADVANCED SCIENCE AND TECHNOLOGY INCUBATION LTD, MAKIKO
SUWA, KIYOSHI ASAI, YUTAKA AKIYAMA, HIROYUKI ABURATANI, KOJI ODA,
KATSUKI TSURITANI
OS Artificial Sequence
PN WO 02103005-A/25
PD 27-DEC-2002
PE 18-JUN-2002 WO 2002JP006057
PR 18-JUN-2001 JP 01P 246789
PI MAKIKO SUWA, KIYOSHI ASAI, YUTAKA AKIYAMA, HIROYUKI ABURATANI, PI KOJI ODA,
KATSUKI TSURITANI
PC C12N15/09,C12N5/10,C12P21/02,C12N1/15,C12N1/19,C12N1/21 PC
C12Q1/68,A61K38/00,
PC A61K45/00,A61K48/00,A61K49/00,A61K55/76,G01N33/53,G01N37/00,
PC A01K67/027
CC Description of Artificial Sequence:an artificially synthesized
CC primer
CC sequence
FH key
FT source
FT Location/Qualifiers
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/organism="synthetic construct"

/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 840 GTCTCCAGCAACCC 855
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Db 1 GTCTCCAGCAACCC 16

RESULT 814
BD199167 17 bp RNA linear PAT 17-JUL-2003
LOCUS BD199167/c
DEFINITION Molecule and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
ACCESSION BD199167
VERSION BD199167.1 GI:33008937
KEYWORDS JP 2002509721-A/2193.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1 (bases 1 to 17)
Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
Patent: JP 2002509721-A 2193 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/2193
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
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/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 159 AGAGGAGAAATCTGA 174
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Db 17 AGAGGAGAAATCTGA 2

RESULT 815
BD199168 17 bp RNA linear PAT 17-JUL-2003
LOCUS BD199168
DEFINITION Molecule and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
ACCESSION BD199168
VERSION BD199168.1 GI:33008938
KEYWORDS JP 2002509721-A/2194.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1 (bases 1 to 17)
Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
Patent: JP 2002509721-A 2194 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/2194
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
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FT Location/Qualifiers
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 158 GAGAGGAGAAATCTG 173
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Db 16 GAGAGGAGAAATCTG 1

RESULT 816
BD201595 17 bp RNA linear PAT 17-JUL-2003
LOCUS BD201595
DEFINITION Molecule and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
ACCESSION BD201595
VERSION BD201595.1 GI:33011365
KEYWORDS JP 2002509721-A/4621.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1 (bases 1 to 17)
Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
Patent: JP 2002509721-A 4621 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/4621
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions concerning molecule

CC participating in vasculogenic response
 FH key Location/Qualifiers
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 FT Location/Qualifiers
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 /mol_type="genomic RNA"
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
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 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4869 GTCTCAGTTCTTCT 4864
 DB 1 GTCTCAGTTCTTCT 16

RESULT 817
 BD202841 17 bp RNA linear PAT 17-JUL-2003
 LOCUS Method and reagent for treating diseases or conditions concerning
 DEFINITION molecule participating in vasculogenic response.
 ACCESSION BD202841
 VERSION BD202841.1 GI:33012611
 KEYWORDS JP 2002509721-A/5867.
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 1 (bases 1 to 17)
 Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswigen,J.A.
 Method and reagent for treating diseases or conditions concerning
 molecule participating in vasculogenic response
 Patent: JP 2002509721-A 5867 02-APR-2002;
 RIBOZYME PHARMACEUTICALS INC

COMMENT
 OS Homo sapiens (human)
 PN JP 2002509721-A/5867
 PD 02-APR-2002
 PE 24-MAR-1999 JP 2000541291
 PR 27-MAR-1998 US 60/079678
 PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
 PT JAMES A MCSWIGEN
 PC C12N15/09,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
 A61P29/00,
 PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
 C12N5/00
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 CC concerning molecule
 CC participating in vasculogenic response
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
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 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5215 GGATCTTGCTTGT 5230
 DB 2 GGATCTTGCTTGT 17

RESULT 818
 BD223855 17 bp DNA linear PAT 17-JUL-2003
 LOCUS

DEFINITION Identification of microorganism causing acute respiratory tract
 infection (ARI).
 ACCESSION BD223855
 VERSION BD223855.1 GI:33033625
 KEYWORDS JP 2002526088-A/30.
 SOURCE synthetic construct
 ORGANISM synthetic construct
 artificial sequences.
 1 (bases 1 to 17)
 James,G. and Schmitt,H.J.
 Identification of microorganism causing acute respiratory tract
 infection (ARI)
 Patent: JP 2002526088-A 30 20-AUG-2002;
 INNOCENTICS NV

COMMENT
 OS Artificial Sequence
 PN JP 2002526088-A/30
 PD 20-AUG-2002
 PE 22-SEP-1999 JP 2000574290
 PR 24-SEP-1998 EP 98870203.1
 PI GEERT JANNES, HEINZ JOSEF SCHMITT
 PC C12N15/09,C12O1/68,C12N15/00
 CC Description of Artificial Sequence:oligonucleotide FH Key
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 FT Location/Qualifiers
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 /db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
 Best Local Similarity 93.8%; Pred. No. 6.4e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2330 CCTTCTGAAGATGG 2345
 DB 2 CGCTCTGAAGATGG 17

RESULT 819
 BD254020 17 bp DNA linear PAT 17-JUL-2003
 LOCUS Regulation of repressor genes using nucleic acid molecules.
 DEFINITION BD254020
 ACCESSION BD254020.1 GI:33063790
 VERSION JP 2002541795-A/1813.
 KEYWORDS unidentifed
 SOURCE unidentifed
 ORGANISM unclassified.
 1 (bases 1 to 17)
 Blatt,L., Zwick,M., Pavco,P. and Mcswigen,J.
 Regulation of repressor genes using nucleic acid molecules
 Patent: JP 2002541795-A 1813 10-DEC-2002;
 RIBOZYME PHARMACEUTICALS INC

COMMENT
 OS Eukaryote
 PN JP 2002541795-A/1813
 PD 10-DEC-2002
 PE 11-APR-2000 JP 2000611654
 PR 12-APR-1999 US 60/129390
 PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGEN
 PC C12N15/09,A61K38/00,A61K48/00,A61P3/00,A61P43/00,C12N5/10, PC
 C12P21/02,
 PC C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
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Query Match
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  Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 47 CGGGGCTCCAGTCTGG 62
Db 2 CGGGGCTCCAGTCTGG 17

RESULT 820
BD257704/c 17 bp DNA linear PAT 17-JUL-2003
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 17)
  Blatt,L., Zwick,M., Pavco,P. and Mcswigen,J.
  Regulation of repressor genes using nucleic acid molecules
  Patent: JP 2002541795-A 5497 10-DEC-2002;
  RIBOZYME PHARMACEUTICALS INC
  OS Eukaryote
  PN JP 2002541795-A/5497
  PD 10-DEC-2002
  PF 11-APR-2000 JP 2000611654
  PR 12-APR-1999 US 60/129390
  PI LAWRENCE BLATT,MICHAEL,ZWICK,PAMELA,PAYCO,JAMES,MC SWIGEN PC
  C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10, PC
  C12P21/02,
  PC
  C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
  C12R1:91),
  PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,
  PC A61K37/02,
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Query Match
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  Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5395 AAAAAATACAAAAGA 5410
Db 17 AAAAAATACAAAAGA 2

RESULT 821
BD257705/c 17 bp DNA linear PAT 17-JUL-2003
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 17)
  Blatt,L., Zwick,M., Pavco,P. and Mcswigen,J.
  Regulation of repressor genes using nucleic acid molecules
  Patent: JP 2002541795-A 5497 10-DEC-2002;
  RIBOZYME PHARMACEUTICALS INC
  OS Eukaryote
  PN JP 2002541795-A/5497
  PD 10-DEC-2002
  PF 11-APR-2000 JP 2000611654
  PR 12-APR-1999 US 60/129390
  PI LAWRENCE BLATT,MICHAEL,ZWICK,PAMELA,PAYCO,JAMES,MC SWIGEN PC
  C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10, PC
  C12P21/02,
  PC
  C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
  C12R1:91),
  PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,
  PC A61K37/02,
  PC (C12N5/00,C12R1:91)
  CC Regulation of repressor genes using nucleic acid molecules FH
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REFERENCE
  1 (bases 1 to 17)
  Blatt,L., Zwick,M., Pavco,P. and Mcswigen,J.
  Regulation of repressor genes using nucleic acid molecules
  Patent: JP 2002541795-A 5498 10-DEC-2002;
  RIBOZYME PHARMACEUTICALS INC
  OS Eukaryote
  PN JP 2002541795-A/5498
  PD 10-DEC-2002
  PF 11-APR-2000 JP 2000611654
  PR 12-APR-1999 US 60/129390
  PI LAWRENCE BLATT,MICHAEL,ZWICK,PAMELA,PAYCO,JAMES,MC SWIGEN PC
  C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10, PC
  C12P21/02,
  PC
  C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
  C12R1:91),
  PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,
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Query Match
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  Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGA 5408
Db 16 AAAAAATACAAAAGA 1

RESULT 822
BD258334 17 bp DNA linear PAT 17-JUL-2003
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 17)
  Blatt,L., Zwick,M., Pavco,P. and Mcswigen,J.
  Regulation of repressor genes using nucleic acid molecules
  Patent: JP 2002541795-A 6127 10-DEC-2002;
  RIBOZYME PHARMACEUTICALS INC
  OS Eukaryote
  PN JP 2002541795-A/6127
  PD 10-DEC-2002
  PF 11-APR-2000 JP 2000611654
  PR 12-APR-1999 US 60/129390
  PI LAWRENCE BLATT,MICHAEL,ZWICK,PAMELA,PAYCO,JAMES,MC SWIGEN PC
  C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10, PC
  C12P21/02,
  PC
  C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
  C12R1:91),
  PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,
  PC A61K37/02,
  PC (C12N5/00,C12R1:91)
  CC Regulation of repressor genes using nucleic acid molecules FH
  Key Location/Qualifiers
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Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5215 GGATCTTGCTTGT 5230
Db      2 GGCTTCTGGCTTGT 17

RESULT 823
LOCUS    C0617152      17 bp      DNA      linear      PAT 02-FEB-2004
DEFINITION Sequence 1892 from Patent WO0192524.
ACCESSION C0617152
VERSION   C0617152.1 GI:41667370
KEYWORDS
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS   Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
          Shannon, M.E.
TITLE     Myosin-like gene expressed in human heart and muscle
JOURNAL   Patent: WO 0192524-A 1892 06-DEC-2001;
          Aeomica, Inc. (US)
FEATURES  Location/Qualifiers
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               /mol_type="unassigned DNA"
               /db_xref="taxon:9606"

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3255 CCAGACCTGGCTCT 3270
Db      2 CCAGACCTGGCTCT 17

RESULT 824
LOCUS    C0617153      17 bp      DNA      linear      PAT 02-FEB-2004
DEFINITION Sequence 1893 from Patent WO0192524.
ACCESSION C0617153
VERSION   C0617153.1 GI:41667371
KEYWORDS
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS   Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
          Shannon, M.E.
TITLE     Myosin-like gene expressed in human heart and muscle
JOURNAL   Patent: WO 0192524-A 1893 06-DEC-2001;
          Aeomica, Inc. (US)
FEATURES  Location/Qualifiers
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Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3255 CCAGACCTGGCTCT 3270
Db      2 CCAGACCTGGCTCT 17

RESULT 827
LOCUS    C0621372/c     17 bp      DNA      linear      PAT 02-FEB-2004
DEFINITION Sequence 6112 from Patent WO0192524.
ACCESSION C0621372
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Db      1 CCAGACCTGGCTCT 16

RESULT 825
LOCUS    C0617154      17 bp      DNA      linear      PAT 02-FEB-2004
DEFINITION Sequence 1894 from Patent WO0192524.
ACCESSION C0617154
VERSION   C0617154.1 GI:41667372
KEYWORDS
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS   Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
          Shannon, M.E.
TITLE     Myosin-like gene expressed in human heart and muscle
JOURNAL   Patent: WO 0192524-A 1894 06-DEC-2001;
          Aeomica, Inc. (US)
FEATURES  Location/Qualifiers
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Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3257 AGGACCTGGCTCTGT 3272
Db      1 AGGACCTGGCTCTGT 16

RESULT 826
LOCUS    C0617155      17 bp      DNA      linear      PAT 02-FEB-2004
DEFINITION Sequence 1895 from Patent WO0192524.
ACCESSION C0617155
VERSION   C0617155.1 GI:41667373
KEYWORDS
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS   Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
          Shannon, M.E.
TITLE     Myosin-like gene expressed in human heart and muscle
JOURNAL   Patent: WO 0192524-A 1895 06-DEC-2001;
          Aeomica, Inc. (US)
FEATURES  Location/Qualifiers
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Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3257 AGGACCTGGCTCTGT 3272
Db      2 AGGACCTGGCTCTGT 17

RESULT 827
LOCUS    C0621372/c     17 bp      DNA      linear      PAT 02-FEB-2004
DEFINITION Sequence 6112 from Patent WO0192524.
ACCESSION C0621372
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VERSION      CQ621372.1 GI:41671590
KEYWORDS
SOURCE       Homo sapiens (human)
ORGANISM     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE    1
AUTHORS      Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
              Shannon,M.E.
TITLE        Myosin-like gene expressed in human heart and muscle
JOURNAL      Patent: WO 0192524-A 6112 06-DEC-2001;
              Aeomica, Inc. (US)
FEATURES     Location/Qualifiers
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Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No.6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2133 GGAAAATCTCACACTG 2148
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        17 GGAAAATCTCACACTG 2

RESULT 828
LOCUS      CQ621373/c              17 bp      DNA      linear      PAT 02-FRB-2004
DEFINITION Sequence 6113 from Patent WO0192524.
ACCESSION  CQ621373
VERSION     CQ621373.1 GI:41671591
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE    1
AUTHORS      Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
              Shannon,M.E.
TITLE        Myosin-like gene expressed in human heart and muscle
JOURNAL      Patent: WO 0192524-A 6113 06-DEC-2001;
              Aeomica, Inc. (US)
FEATURES     Location/Qualifiers
              source
                1..17
                /organism="Homo sapiens"
                /mol_type="unassigned DNA"
                /db_xref="taxon:9606"

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No.6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2133 GGAAAATCTCACACTG 2148
        |||||
        16 GGAAAATCTCACACTG 1

RESULT 829
LOCUS      CQ621459/c              17 bp      DNA      linear      PAT 02-FRB-2004
DEFINITION Sequence 6199 from Patent WO0192524.
ACCESSION  CQ621459
VERSION     CQ621459.1 GI:41671677
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE    1
AUTHORS      Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
              Shannon,M.E.
```

```
TITLE        Myosin-like gene expressed in human heart and muscle
JOURNAL      Patent: WO 0192524-A 6199 06-DEC-2001;
              Aeomica, Inc. (US)
FEATURES     Location/Qualifiers
              source
                1..17
                /organism="Homo sapiens"
                /mol_type="unassigned DNA"
                /db_xref="taxon:9606"

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No.6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      900 GGGGTGCACCCAGGCG 915
        |||||
        17 GGGGTGCATCCAGGCG 2

RESULT 830
LOCUS      CQ621460/c              17 bp      DNA      linear      PAT 02-FRB-2004
DEFINITION Sequence 6200 from Patent WO0192524.
ACCESSION  CQ621460
VERSION     CQ621460.1 GI:41671678
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE    1
AUTHORS      Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
              Shannon,M.E.
TITLE        Myosin-like gene expressed in human heart and muscle
JOURNAL      Patent: WO 0192524-A 6200 06-DEC-2001;
              Aeomica, Inc. (US)
FEATURES     Location/Qualifiers
              source
                1..17
                /organism="Homo sapiens"
                /mol_type="unassigned DNA"
                /db_xref="taxon:9606"

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No.6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      900 GGGGTGCACCCAGGCG 915
        |||||
        16 GGGGTGCATCCAGGCG 1

RESULT 831
LOCUS      CQ621517/c              17 bp      DNA      linear      PAT 02-FRB-2004
DEFINITION Sequence 6257 from Patent WO0192524.
ACCESSION  CQ621517
VERSION     CQ621517.1 GI:41671735
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE    1
AUTHORS      Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
              Shannon,M.E.
TITLE        Myosin-like gene expressed in human heart and muscle
JOURNAL      Patent: WO 0192524-A 6257 06-DEC-2001;
              Aeomica, Inc. (US)
FEATURES     Location/Qualifiers
              source
                1..17
                /organism="Homo sapiens"
                /mol_type="unassigned DNA"
                /db_xref="taxon:9606"
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1475 TTGGCCCGAGGCTGGA 1490
|||||
17 TTGGCCCGAGGCTGGA 2

RESULT 832
LOCUS CO621518/c 17 bp DNA linear PAT 02-FRB-2004
DEFINITION Sequence 6258 from Patent WO0192524.
ACCESSION CO621518
VERSION CO621518.1 GI:41671736
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 6258 06-DEC-2001;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1475 TTGGCCCGAGGCTGGA 1490
|||||
16 TTGGCCCGAGGCTGGA 1

RESULT 833
LOCUS CO622669 17 bp DNA linear PAT 02-FRB-2004
DEFINITION Sequence 7409 from Patent WO0192524.
ACCESSION CO622669
VERSION CO622669.1 GI:41672887
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 7409 06-DEC-2001;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 658 GAGACAGCAGTGGCA 673
|||||
2 GAGCAGACGAGTGGCA 17

RESULT 834
LOCUS CO622670 17 bp DNA linear PAT 02-FRB-2004
DEFINITION Sequence 7410 from Patent WO0192524.
ACCESSION CO622670
VERSION CO622670.1 GI:41672888
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 7410 06-DEC-2001;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 658 GAGACAGCAGTGGCA 673
|||||
1 GAGCAGACGAGTGGCA 16

RESULT 835
LOCUS CO623057/c 17 bp DNA linear PAT 02-FRB-2004
DEFINITION Sequence 7797 from Patent WO0192524.
ACCESSION CO623057
VERSION CO623057.1 GI:41673275
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 7797 06-DEC-2001;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2644 CAGCTGCTGCTGACG 2659
|||||
17 CAGCTGCTGCTGACG 2

RESULT 836
LOCUS CO623058/c 17 bp DNA linear PAT 02-FRB-2004
DEFINITION Sequence 7798 from Patent WO0192524.
ACCESSION CO623058
VERSION CO623058.1 GI:41673276
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

QY 658 GAGACAGCAGTGGCA 673
|||||
2 GAGCAGACGAGTGGCA 17

REFERENCE
AUTHORS
1 Gu Y., Ji Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
TITLE
Myosin-like gene expressed in human heart and muscle
JOURNAL
Patent: WO 0192524-A 7798 06-DEC-2001;
Aecomica, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2644 CAGCTGCTGCTGACG 2659
Db 16 CAGCTGCTGCTGACG 1

RESULT 837
AR329528
LOCUS AR329528 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 6930 from patent US 6566127.
ACCESSION AR329528
VERSION AR329528.1 GI:33715336
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS
1 (bases 1 to 17)
TITLE
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL
Patent: US 6566127-A 6930 20-MAY-2003;
LOCATION/Qualifiers
1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 199 CCACACCCCATCTCCC 214
Db 2 CCACACCCCATCTCCC 17

RESULT 838
AR329530
LOCUS AR329530 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 6932 from patent US 6566127.
ACCESSION AR329530
VERSION AR329530.1 GI:33715338
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS
1 (bases 1 to 17)
TITLE
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL
Patent: US 6566127-A 6932 20-MAY-2003;
LOCATION/Qualifiers
1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match
0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Query Match
0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 200 CACACCCCATCTCCCG 215
Db 1 CACACCCCATCTCCCG 16

RESULT 839
AR402225/C
LOCUS AR402225 17 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 565 from patent US 6623962.
ACCESSION AR402225
VERSION AR402225.1 GI:40149675
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS
1 (bases 1 to 17)
TITLE
Enzymatic nucleic acid treatment of diseases of conditions related to levels of epidermal growth factor receptors
JOURNAL
Patent: US 6623962-A 565 23-SEP-2003;
LOCATION/Qualifiers
1. .17
/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 778 GCCCAGAAAGGCGCAG 793
Db 16 GCCCAGAAAGGCGCAG 1

RESULT 840
AR458215
LOCUS AR458215 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 1892 from patent US 6686188.
ACCESSION AR458215
VERSION AR458215.1 GI:42693272
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS
1 (bases 1 to 17)
TITLE
Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
Shannon, M.E.
Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL
Patent: US 6686188-A 1892 03-FEB-2004;
LOCATION/Qualifiers
1. .17
/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 3255 CCAGACCTGCGCTCT 3270
Db 2 CCAGACCTGCGCTCT 17

RESULT 841
AR458216
LOCUS AR458216 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 1893 from patent US 6686188.
ACCESSION AR458216
VERSION AR458216.1 GI:42693273

KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 1893 03-FEB-2004;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3255 CCAGGACCTGGCCTCT 3270
Db 1 CCAGGACCTGGCCTCT 16

RESULT 842
AR458217 17 bp DNA linear PAT 20-FEB-2004
LOCUS Sequence 1894 from patent US 6686188.
DEFINITION AR458217
ACCESSION AR458217
VERSION AR458217.1 GI:42693274
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 1894 03-FEB-2004;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3257 AGGACCTGGCCTCTGT 3272
Db 2 AGGACCTGGCCTCTCT 17

RESULT 843
AR458218 17 bp DNA linear PAT 20-FEB-2004
LOCUS Sequence 1895 from patent US 6686188.
DEFINITION AR458218
ACCESSION AR458218
VERSION AR458218.1 GI:42693275
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 1895 03-FEB-2004;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"

/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3257 AGGACCTGGCCTCTGT 3272
Db 1 AGGACCTGGCCTCTCT 16

RESULT 844
AR462435 17 bp DNA linear PAT 20-FEB-2004
LOCUS Sequence 6112 from patent US 6686188.
DEFINITION AR462435
ACCESSION AR462435
VERSION AR462435.1 GI:42697492
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6112 03-FEB-2004;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2133 GGAAAATCTCACACTG 2148
Db 17 GGAAAATCTCACACTG 2

RESULT 845
AR462436 17 bp DNA linear PAT 20-FEB-2004
LOCUS Sequence 6113 from patent US 6686188.
DEFINITION AR462436
ACCESSION AR462436
VERSION AR462436.1 GI:42697493
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6113 03-FEB-2004;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2133 GGAAAATCTCACACTG 2148
Db 16 GGAAAATCTCACACTG 1

RESULT 846
AR462522/c

LOCUS AR462522 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6199 from patent US 6686188.
ACCESSION AR462522
VERSION AR462522.1 GI:42697579
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6199 03-FEB-2004;
FEATURES
source
1. .17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 900 GGGGTGCACCCAGGCG 915
Db 17 GGGGTGCATCCAGGCG 2

RESULT 847
AR462523/c
LOCUS AR462523 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6200 from patent US 6686188.
ACCESSION AR462523
VERSION AR462523.1 GI:42697580
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6200 03-FEB-2004;
FEATURES
source
1. .17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 900 GGGGTGCACCCAGGCG 915
Db 16 GGGGTGCATCCAGGCG 1

RESULT 848
AR462580/c
LOCUS AR462580 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6257 from patent US 6686188.
ACCESSION AR462580
VERSION AR462580.1 GI:42697637
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle

JOURNAL Patent: US 6686188-A 6257 03-FEB-2004;
FEATURES
source
1. .17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1475 TTGGCCCGGCGCTGGA 1490
Db 17 TTGGCCCGGCGCTGGA 2

RESULT 849
AR462581/c
LOCUS AR462581 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6258 from patent US 6686188.
ACCESSION AR462581
VERSION AR462581.1 GI:42697638
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6258 03-FEB-2004;
FEATURES
source
1. .17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1475 TTGGCCCGGCGCTGGA 1490
Db 16 TTGGCCCGGCGCTGGA 1

RESULT 850
AR463732
LOCUS AR463732 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 7409 from patent US 6686188.
ACCESSION AR463732
VERSION AR463732.1 GI:42698789
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 7409 03-FEB-2004;
FEATURES
source
1. .17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 658 GAGAGACGAGTGCGCA 673
Db 2 GAGCAGCAGTGCGCA 17

RESULT 851
LOCUS AR463733 17 bp DNA
DEFINITION Sequence 7410 from patent US 6686188.
ACCESSION AR463733
VERSION AR463733.1 GI:42698790
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 7410 03-FEB-2004;
FEATURES
source
1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 658 GAGAGACGAGTGGCA 673
DB 1 GAGCAGACGAGTGGCA 16

RESULT 852
LOCUS AR464120 17 bp DNA
DEFINITION Sequence 7797 from patent US 6686188.
ACCESSION AR464120
VERSION AR464120.1 GI:42699177
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 7797 03-FEB-2004;
FEATURES
source
1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2644 CAGCTGCTGCTGAGC 2659
DB 17 CAGCTGCTGCTGAGC 2

RESULT 853
LOCUS AR464121 17 bp DNA
DEFINITION Sequence 7798 from patent US 6686188.
ACCESSION AR464121
VERSION AR464121.1 GI:42699178
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)

AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 7798 03-FEB-2004;
FEATURES
source
1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2644 CAGCTGCTGCTGAGC 2659
DB 16 CAGCTGCTGCTGAGC 1

RESULT 854
LOCUS AR494537 17 bp DNA
DEFINITION Sequence 86 from patent US 6720181.
ACCESSION AR494537
VERSION AR494537.1 GI:47268979
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Chlaur, D.S., Pagano, M. and Latres, B.
TITLE Ubiquitin ligases as therapeutic targets
JOURNAL Patent: US 6720181-A 86 13-APR-2004;
FEATURES
source
1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 482 TGGGACATCCCCCAG 497
DB 17 TGGGACATCCCCCAG 2

RESULT 855
LOCUS AX022894 17 bp DNA
DEFINITION Sequence 2 from Patent WO925819.
ACCESSION AX022894
VERSION AX022894.1 GI:10046385
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1
AUTHORS Uhlmann, E., Weiser, C. and Peyman, A.
TITLE Antisense oligonucleotides against tenascin for treating vitiligo
JOURNAL Patent: WO 925819-A 2 27-MAY-1999;
UHLMANN EUGEN (DE); WEISER CAROLINE (DE); HOBCHST MARION ROUSSEL DE GMBH (DE); PEYMAN ANTSCHIRMAN (DE)
FEATURES
source
1..17
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 849 CCAACCCACTCCACC 864
DB 16 CAAACCCACTCCACC 1

RESULT 856
AX022913/c
LOCUS AX022913
DEFINITION Sequence 21 from Patent WO925819.
ACCESSION AX022913
VERSION AX022913.1 GI:10046405
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Uhlmann,E., Weiser,C. and Peyman,A.
TITLE Antisense oligonucleotides against tenascin for treating vitiligo
JOURNAL Patent: WO 925819-A 21 27-MAY-1999;
UHLMANN EUGEN (DE); WEISER CAROLINE (DE); HOECHST MARION ROUSSEL DE
GMBH (DE); PEYMAN ANSCHIRMAN (DE)
FEATURES
source
1..17
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 849 CCAACCCACTCCACC 864
DB 16 CAAACCCACTCCACC 1

RESULT 857
AX022932/c
LOCUS AX022932
DEFINITION Sequence 40 from Patent WO925819.
ACCESSION AX022932
VERSION AX022932.1 GI:10046425
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Uhlmann,E., Weiser,C. and Peyman,A.
TITLE Antisense oligonucleotides against tenascin for treating vitiligo
JOURNAL Patent: WO 925819-A 40 27-MAY-1999;
UHLMANN EUGEN (DE); WEISER CAROLINE (DE); HOECHST MARION ROUSSEL DE
GMBH (DE); PEYMAN ANSCHIRMAN (DE)
FEATURES
source
1..17
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 849 CCAACCCACTCCACC 864
DB 16 CAAACCCACTCCACC 1

RESULT 858
AX030482/c
LOCUS AX030482
DEFINITION Sequence 2 from Patent DE19750702.
ACCESSION AX030482

VERSION AX030482.1 GI:10278039
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Peyman,A.D., Uhlmann,E.D. and Weiser,C.D.
TITLE Antisense oligonucleotides that bind to sequences encoding human
tenascin for treating depigmentation, cancer, inflammation and
cardiovascular disease
JOURNAL Patent: DE 19750702-A 2 27-MAY-1999;
HOECHST MARION ROUSSEL DE GMBH (DE)
FEATURES
source
1..17
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 849 CCAACCCACTCCACC 864
DB 16 CAAACCCACTCCACC 1

RESULT 859
AX030501/c
LOCUS AX030501
DEFINITION Sequence 21 from Patent DE19750702.
ACCESSION AX030501
VERSION AX030501.1 GI:10278058
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Peyman,A.D., Uhlmann,E.D. and Weiser,C.D.
TITLE Antisense oligonucleotides that bind to sequences encoding human
tenascin for treating depigmentation, cancer, inflammation and
cardiovascular disease
JOURNAL Patent: DE 19750702-A 21 27-MAY-1999;
HOECHST MARION ROUSSEL DE GMBH (DE)
FEATURES
source
1..17
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 849 CCAACCCACTCCACC 864
DB 16 CAAACCCACTCCACC 1

RESULT 860
AX030520/c
LOCUS AX030520
DEFINITION Sequence 40 from Patent DE19750702.
ACCESSION AX030520
VERSION AX030520.1 GI:10278077
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Peyman,A.D., Uhlmann,E.D. and Weiser,C.D.
TITLE Antisense oligonucleotides that bind to sequences encoding human

tenascin for treating degeneration, cancer, inflammation and cardiovascular disease
Patent: DB 19750702-A 40 27-MAY-1999;
HOECHST MARION ROUSSEL DE GMBH (DE)

FEATURES

source
1. .17
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 849 CCAACCCACCTCCACC 864
DB 16 CAAACCCACCTCCACC 1

RESULT 861

AX214571 17 bp RNA linear PAT 07-SEP-2001
LOCUS AX214571
DEFINITION Sequence 13 from Patent WO0159103.
ACCESSION AX214571
VERSION AX214571.1 GI:15524614
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., Mewswigen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 13 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
MCSwigen, James (US); Chowrira, Bharat M. (US)
FEATURES
source
1. .17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 CATCATCTCCACCTTC 2334
DB 1 CATCATCTCCACCTTC 16

RESULT 862
AX215324 17 bp RNA linear PAT 07-SEP-2001
LOCUS AX215324
DEFINITION Sequence 766 from Patent WO0159103.
ACCESSION AX215324
VERSION AX215324.1 GI:15525367
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., Mewswigen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 766 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
MCSwigen, James (US); Chowrira, Bharat M. (US)
FEATURES
source
1. .17
/organism="synthetic construct"
/mol_type="unassigned RNA"

/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2641 CTCGACGTGCTGCTGC 2656
DB 16 CTCGACGTGCTGCTGC 1

RESULT 863
AX215329 17 bp RNA linear PAT 07-SEP-2001
LOCUS AX215329
DEFINITION Sequence 771 from Patent WO0159103.
ACCESSION AX215329
VERSION AX215329.1 GI:15525372
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., Mewswigen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 771 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
MCSwigen, James (US); Chowrira, Bharat M. (US)
FEATURES
source
1. .17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 CATCATCTCCACCTTC 2334
DB 2 CATCATCTCCACCTTC 17

RESULT 864
AX215935 17 bp RNA linear PAT 07-SEP-2001
LOCUS AX215935
DEFINITION Sequence 1377 from Patent WO0159103.
ACCESSION AX215935
VERSION AX215935.1 GI:15525978
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., Mewswigen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 1377 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
MCSwigen, James (US); Chowrira, Bharat M. (US)
FEATURES
source
1. .17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5269 GGAAGAGACTTATTC 5284
|||||
Db 16 GGAAGAGACTTTTTC 1

RESULT 865

AX216269 17 bp RNA linear PAT 07-SEP-2001
LOCUS Sequence 1711 from Patent WO0159103.
DEFINITION AX216269
ACCESSION AX216269
VERSION AX216269.1 GI:15526312
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Blatt,L., McSwiggen,J. and Chowrira,B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 1711 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 869 TGCTATGCGCTGGAT 884
|||||
Db 2 TGCTATGCCCGGAT 17

RESULT 866
AX216933 17 bp RNA linear PAT 07-SEP-2001
LOCUS Sequence 2375 from Patent WO0159103.
DEFINITION AX216933
ACCESSION AX216933
VERSION AX216933.1 GI:15526994
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Blatt,L., McSwiggen,J. and Chowrira,B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 2375 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 2948 ACCTGAGAGAGCTGA 2963
|||||
Db 2 ACCTGAGAGAGCTGA 17

RESULT 867
AX216934 17 bp RNA linear PAT 07-SEP-2001
LOCUS Sequence 2376 from Patent WO0159103.
DEFINITION AX216934
ACCESSION AX216934
VERSION AX216934.1 GI:15526995
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Blatt,L., McSwiggen,J. and Chowrira,B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 2376 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1314 TTCCACATGCGCTGG 1329
|||||
Db 1 TTCCACATGCGCTGG 16

RESULT 869
AX227160 17 bp RNA linear PAT 10-SEP-2001
LOCUS Sequence 532 from Patent WO0157206.
DEFINITION AX227160
ACCESSION AX227160
VERSION AX227160.1 GI:15556301
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Blatt,L., McSwiggen,J. and Chowrira,B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 2745 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1314 TTCCACATGCGCTGG 1329
|||||
Db 1 TTCCACATGCGCTGG 16

RESULT 869
AX227160 17 bp RNA linear PAT 10-SEP-2001
LOCUS Sequence 532 from Patent WO0157206.
DEFINITION AX227160
ACCESSION AX227160
VERSION AX227160.1 GI:15556301
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Blatt,L., McSwiggen,J. and Chowrira,B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 2745 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

REFERENCE
1
AUTHORS
Fattaey,A.R., Jarvis,T., Mcawiggen,J., Bocher,R.N. and Holman,P.S.
TITLE
Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme
JOURNAL
Patent: WO 0157206-A 532 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
FEATURES
source
1. .17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4634 GGCTCTGGCTGAGAA 4649
16 GGCTCTGGCTGAGAA 1

RESULT 870
AX227272 17 bp RNA linear PAT 10-SEP-2001
LOCUS
DEFINITION
Sequence 644 from Patent W00157206.
ACCESSION
AX227272
VERSION
AX227272.1 GI:15556413
KEYWORDS
synthetic construct
SOURCE
synthetic construct
ORGANISM
artificial sequences.

REFERENCE
1
AUTHORS
Fattaey,A.R., Jarvis,T., Mcawiggen,J., Bocher,R.N. and Holman,P.S.
TITLE
Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme
JOURNAL
Patent: WO 0157206-A 644 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
FEATURES
source
1. .17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3818 GAGTCACTTCCCTGT 3833
1 GTGTTCACTTCCCTGT 16

RESULT 871
AX227478 17 bp RNA linear PAT 10-SEP-2001
LOCUS
DEFINITION
Sequence 850 from Patent W00157206.
ACCESSION
AX227478
VERSION
AX227478.1 GI:15556619
KEYWORDS
synthetic construct
SOURCE
synthetic construct
ORGANISM
artificial sequences.

REFERENCE
1
AUTHORS
Fattaey,A.R., Jarvis,T., Mcawiggen,J., Bocher,R.N. and Holman,P.S.
TITLE
Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme
JOURNAL
Patent: WO 0157206-A 850 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
FEATURES
source
1. .17
/organism="synthetic construct"
/mol_type="unassigned RNA"

/db_xref="taxon:32630"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4635 GGCTCTGGCTGAGAA 4650
17 GGCTCTGGCTGAGAA 2

RESULT 872
AX266923 17 bp DNA linear PAT 26-OCT-2001
LOCUS
DEFINITION
Sequence 4314 from Patent W00173002.
ACCESSION
AX266923
VERSION
AX266923.1 GI:16515724
KEYWORDS
Homo sapiens (human)
SOURCE
Homo sapiens
ORGANISM
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
1
AUTHORS
Kmiec,E.B., Gamper,H.B. and Rice,M.C.
TITLE
Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
JOURNAL
Patent: WO 0173002-A 4314 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 996 AGCTTTCCAGCTCC 1011
1 AGCTTTCCAGCTCC 16

RESULT 873
AX266924 17 bp DNA linear PAT 26-OCT-2001
LOCUS
DEFINITION
Sequence 4315 from Patent W00173002.
ACCESSION
AX266924
VERSION
AX266924.1 GI:16515725
KEYWORDS
Homo sapiens (human)
SOURCE
Homo sapiens
ORGANISM
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
1
AUTHORS
Kmiec,E.B., Gamper,H.B. and Rice,M.C.
TITLE
Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
JOURNAL
Patent: WO 0173002-A 4315 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 996 AGCTTTCCAGCTCC 1011
17 AGCTTTCCAGCTCC 2

RESULT 874
AX266927
LOCUS AX266927 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 4318 from Patent WO0173002.
ACCESSION AX266927
VERSION AX266927.1 GI:16515728
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS 1
TITLE Kmiec, E.B., Gamper, H.B. and Rice, M.C.
JOURNAL Targeted chromosomal genomic alterations with modified single
PATENT: WO 0173002-A 4318 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 996 AGCTCTTCCAGCTCC 1011
DB 16 AGCTCTTCCATCTCC 1

RESULT 875
AX266928
LOCUS AX266928 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 4319 from Patent WO0173002.
ACCESSION AX266928
VERSION AX266928.1 GI:16515729
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS 1
TITLE Kmiec, E.B., Gamper, H.B. and Rice, M.C.
JOURNAL Targeted chromosomal genomic alterations with modified single
PATENT: WO 0173002-A 4319 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 996 AGCTCTTCCAGCTCC 1011
DB 16 AGCTCTTCCATCTCC 1

RESULT 876
AX272684/c
LOCUS AX272684 17 bp RNA linear PAT 29-OCT-2001
DEFINITION Sequence 253 from Patent WO0162911.
ACCESSION AX272684
VERSION AX272684.1 GI:16545421
KEYWORDS

SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS 1
TITLE Jarvis, T., von Carlowitz, I., Mcswigen, J.A., Hamblin, P.A. and
JOURNAL Ellis, J.H.
METHOD and reagent for the inhibition of grid
PATENT: WO 0162911-A 253 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4431 GGCTTGTGTAACCA 4446
DB 17 GGCTTGTGTAACCA 2

RESULT 877
AX272954/c
LOCUS AX272954 17 bp RNA linear PAT 29-OCT-2001
DEFINITION Sequence 523 from Patent WO0162911.
ACCESSION AX272954
VERSION AX272954.1 GI:16545691
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS 1
TITLE Jarvis, T., von Carlowitz, I., Mcswigen, J.A., Hamblin, P.A. and
JOURNAL Ellis, J.H.
METHOD and reagent for the inhibition of grid
PATENT: WO 0162911-A 523 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1067 TGCTGGGCGCTGGGG 1082
DB 17 TGCTGGGCGCTGGGG 2

RESULT 878
AX422701/c
LOCUS AX422701 17 bp RNA linear PAT 18-JUN-2002
DEFINITION Sequence 1037 from Patent WO0188124.
ACCESSION AX422701
VERSION AX422701.1 GI:21526083
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS 1
TITLE Jarvis, T., von Carlowitz, I., Mcswigen, J.A., McLaughlin, F.G. and
JOURNAL Randi, A.M.
METHOD and reagent for the inhibition of erg
PATENT: WO 0188124-A 1037 22-NOV-2001;

FEATURES RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"
Db 17 CACCCCTCTCTCA 2

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2165 CACCCCTCTCTCA 2180

RESULT 879
AX423690/c 17 bp RNA linear PAT 18-JUN-2002
LOCUS Sequence 2026 from Patent WO0188124.
ACCESSION AX423690
VERSION AX423690.1 GI:21527072
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS Jarvis, T., von Carlwiltz, I., Mcswigen, J. A., McLaughlin, F. G. and
Randi, A. M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 2026 22-NOV-2001.
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"
source

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2165 CACCCCTCTCTCA 2180

Db 16 CACCCCTCTCTCA 1

RESULT 880
AX532368 17 bp DNA linear PAT 22-NOV-2002
LOCUS Sequence 1877 from Patent EP1239051.
DEFINITION AX532368
ACCESSION AX532368
VERSION AX532368.1 GI:25256515
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS Shannon, M.
TITLE Human poeh-like protein 1
JOURNAL Patent: EP 1239051-A 1877 11-SEP-2002;
Neomica, Inc. (US)
Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
source

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2858 GGAGCCCCACCATGCT 2873
Db 2 GGAGCCCCACCATGCT 17

RESULT 881
AX532369 17 bp DNA linear PAT 22-NOV-2002
LOCUS Sequence 1878 from Patent EP1239051.
DEFINITION AX532369
ACCESSION AX532369
VERSION AX532369.1 GI:25256517
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS Shannon, M.
TITLE Human poeh-like protein 1
JOURNAL Patent: EP 1239051-A 1878 11-SEP-2002;
Neomica, Inc. (US)
Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
source

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2858 GGAGCCCCACCATGCT 2873
Db 1 GGAGCCCCACCATGCT 16

RESULT 882
AX556618/c 17 bp DNA linear PAT 27-NOV-2002
LOCUS Sequence 131 from Patent WO02057453.
DEFINITION AX556618
ACCESSION AX556618
VERSION AX556618.1 GI:25899794
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Gangoli, E. A., Patturajan, M., Vernet, C. A., Malvankar, U. M.,
Kehuda, R., Stone, D. J., Anderson, D., Shinkler, R. A., Burgess, C. E.,
Zernusen, B. D., Liu, X., Spytek, K. A., Casman, S. J., Boldog, P. L.,
Smithson, G., Li, L. and Ji, W.
TITLE Polypeptides and nucleic acids encoding same
JOURNAL Patent: WO 02057453-A 131 25-JUL-2002;
Curagen Corporation (US)
Location/Qualifiers
1. .17
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR primer"
source

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3750 CGATGACTTGTGGGC 3765
Db 17 CGATGACTTGTGGGC 2

RESULT 883
AX556636/c

LOCUS AX556636 17 bp DNA PAT 27-NOV-2002
DEFINITION Sequence 149 from Patent WO02057453.
ACCESSION AX556636
VERSION AX556636.1 GI:25899812
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 Ganapoli,E.A., Patturajan,M., Verne,C.A., Malynkar,U.M.,
Kerud,R., Stone,D.J., Anderson,D., Shimkets,R.A., Burgess,C.E.,
Zerhusen,B.D., Liu,X., Spytek,K.A., Casman,S.J., Boldog,F.L.,
Smithson,G., Li,L., and Ji,W.
TITLE Polypeptides and nucleic acids encoding same
JOURNAL Patent: WO 02057453-A 149 25-JUL-2002;
Curagen Corporation (US)
FEATURES
source
1.17
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR primer"
Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3750 CGATGACTCTGGGGC 3765
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17 CGATGCTTCTGGGC 2
RESULT 884
AX578614/c 17 bp RNA linear PAT 10-JAN-2003
LOCUS AX578614
DEFINITION Sequence 452 from Patent WO0211674.
ACCESSION AX578614
VERSION AX578614.1 GI:27647816
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS
1 Thompson,J., Mowjigen,U., McKenzie,T., Ayers,D., Szymkowski,D.E.
and Grube,A.
TITLE Method and reagent for the inhibition of calcium activated chloride
channel-1 (clca-1)
JOURNAL Patent: WO 0211674-A 452 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)
FEATURES
source
1.17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"
Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3095 CCTTTGGGCTGAGAC 3110
|||||
16 CTTTGGGATGAGAC 1
Db
RESULT 885
AX648561 17 bp DNA linear PAT 22-MAR-2003
LOCUS AX648561
DEFINITION Sequence 401 from Patent EP1273660.
ACCESSION AX648561
VERSION AX648561.1 GI:29151379
KEYWORDS

SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS
1 Gu,Y.
TITLE Human sodium-hydrogen exchanger like protein 1
JOURNAL Patent: EP 1273660-A 401 08-JAN-2003;
Aeonica, Inc. (US)
FEATURES
source
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 5397 AATATCAAAAAGAAA 5412
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2 AATATCAAAAAGAAA 17
Db
RESULT 886
AX648562 17 bp DNA linear PAT 22-MAR-2003
LOCUS AX648562
DEFINITION Sequence 402 from Patent EP1273660.
ACCESSION AX648562
VERSION AX648562.1 GI:29151380
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS
1 Gu,Y.
TITLE Human sodium-hydrogen exchanger like protein 1
JOURNAL Patent: EP 1273660-A 402 08-JAN-2003;
Aeonica, Inc. (US)
FEATURES
source
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 5397 AATATCAAAAAGAAA 5412
|||||
1 AATATCAAAAAGAAA 16
Db
RESULT 887
AX672976 17 bp DNA linear PAT 27-MAR-2003
LOCUS AX672976/c
DEFINITION Sequence 1421 from Patent WO03004526.
ACCESSION AX672976
VERSION AX672976.1 GI:29331324
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS
1 Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 1421 16-JAN-2003;
Molecular Engines Laboratories (FR)

FEATURES
source Location/Qualifiers

1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3557 GGCGAGACTCGGATC 3572

Db 16 GGCGAGACTCGGATC 1

RESULT 888
AX674420 17 bp DNA linear PAT 27-MAR-2003
LOCUS Sequence 2865 from Patent WO03004526.
DEFINITION AX674420
ACCESSION AX674420
VERSION AX674420.1 GI:29332768
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Telerman, A., Anson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines

JOURNAL Patent: WO 03004526-A 2865 16-JUN-2003;
Molecular Engines Laboratories (FR)

FEATURES
source Location/Qualifiers
1.17
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 29 ACCTGGAGCCAGCAG 44

Db 2 ATCTGGAGCCAGCAG 17

RESULT 889
AX690594 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 3326 from Patent EP1281758.
DEFINITION AX690594
ACCESSION AX690594
VERSION AX690594.1 GI:29413475
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Shannon, M., Gu, Y. and Nguyen, C. T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
JOURNAL Patent: EP 1281758-A 3326 05-FEB-2003;
Neomica, Inc. (US)

FEATURES
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 620 ACTCCAGAGCTCTTC 635
Db 2 ACTCCAGAGCTCTTC 17

RESULT 890
AX690595 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 3327 from Patent EP1281758.
DEFINITION AX690595
ACCESSION AX690595
VERSION AX690595.1 GI:29413476
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Shannon, M., Gu, Y. and Nguyen, C. T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
JOURNAL Patent: EP 1281758-A 3327 05-FEB-2003;
Neomica, Inc. (US)

FEATURES
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 620 ACTCCAGAGCTCTTC 635

Db 1 ACTCCAGAGCTCTTC 16

RESULT 891
AX694255 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 6987 from Patent EP1281758.
DEFINITION AX694255
ACCESSION AX694255
VERSION AX694255.1 GI:29417385
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Shannon, M., Gu, Y. and Nguyen, C. T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
JOURNAL Patent: EP 1281758-A 6987 05-FEB-2003;
Neomica, Inc. (US)

FEATURES
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1370 TTCTACAAGACCTCA 1385

Db 17 TTCTACAAGACCTCA 2

RESULT 892
AX694256/c

LOCUS AX694256 17 bp DNA PAT 31-MAR-2003
 DEFINITION Sequence 6988 from Patent EP1281758.
 AX694256
 ACCESSION AX694256
 VERSION AX694256.1 GI:29417386
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
 AUTHORS 1
 TITLE Shannon, M., Gu, Y. and Nguyen, C. T.
 FOUR human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 6988 05-FEB-2003;
 Aeomica, Inc. (US)
 FEATURES
 source 1.17
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 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
 Best Local Similarity 93.8%; Pred. No. 6.4e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1370 TTCTACCAAGACCTCA 1385
 Db 16 TTCACCAAGACCTCA 1

RESULT 893
 AX726056/c 17 bp DNA PAT 08-MAY-2003
 LOCUS AX726056
 DEFINITION Sequence 3743 from Patent WO03025176.
 AX726056
 ACCESSION AX726056
 VERSION AX726056.1 GI:30505399
 KEYWORDS
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
 AUTHORS 1
 TITLE Telerman, A., Amson, R. and Tuijinder, M.
 Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 JOURNAL Patent: WO 03025176-A 3743 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 FEATURES
 source 1.17
 /organism="Mus musculus"
 /mol_type="unassigned DNA"
 /db_xref="taxon:10090"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
 Best Local Similarity 93.8%; Pred. No. 6.4e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3635 TCCCAATGCTGAGAT 3650
 Db 17 TCCCAAGTCTGAGAT 2

RESULT 894
 AX730391 17 bp DNA PAT 08-MAY-2003
 LOCUS AX730391
 DEFINITION Sequence 2025 from Patent WO03025175.
 AX730391
 ACCESSION AX730391
 VERSION AX730391.1 GI:30509734
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

REFERENCE
 AUTHORS 1
 TITLE Telerman, A., Amson, R. and Tuijinder, M.
 Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 JOURNAL Patent: WO 03025175-A 2025 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 FEATURES
 source 1.17
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
 Best Local Similarity 93.8%; Pred. No. 6.4e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2320 ATCATCTCCACCTTCT 2335
 Db 2 ATCAACTCCACCTTCT 17

RESULT 895
 AX733953/c 17 bp DNA PAT 08-MAY-2003
 LOCUS AX733953
 DEFINITION Sequence 5587 from Patent WO03025175.
 AX733953
 ACCESSION AX733953
 VERSION AX733953.1 GI:30513296
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
 AUTHORS 1
 TITLE Telerman, A., Amson, R. and Tuijinder, M.
 Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 JOURNAL Patent: WO 03025175-A 5587 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 FEATURES
 source 1.17
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
 Best Local Similarity 93.8%; Pred. No. 6.4e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3557 GGCAGAGACTCGATC 3572
 Db 16 GGCAGAGACTCGATC 1

RESULT 896
 AX736884/c 17 bp DNA PAT 08-MAY-2003
 LOCUS AX736884
 DEFINITION Sequence 2474 from Patent WO03025177.
 AX736884
 ACCESSION AX736884
 VERSION AX736884.1 GI:30516172
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
 AUTHORS 1
 TITLE Telerman, A., Amson, R. and Tuijinder, M.
 Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or resistance to viruses and the use
 thereof as medicaments
 JOURNAL Patent: WO 03025177-A 2474 27-MAR-2003;

FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2225 TCAGAGACCTTGCTC 2240
16 TCAGAGACCTTGATC 1

RESULT 897
AX736971 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX736971
DEFINITION Sequence 2561 from Patent WO03025177.
ACCESSION AX736971
VERSION AX736971.1 GI:30516259
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 2561 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source 1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2320 ATCATCTCCACCTTCT 2335
2 ATCACTCCACCTTCT 17

RESULT 898
AX744420 17 bp DNA linear PAT 14-MAY-2003
LOCUS AX744420
DEFINITION Sequence 385 from Patent WO03031621.
ACCESSION AX744420
VERSION AX744420.1 GI:30723087
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Zhang, J.
TITLE A human G protein coupled receptor
JOURNAL Patent: WO 03031621-A 385 17-APR-2003;
Amersham Biosciences (SV) Corp. (US)
FEATURES Location/Qualifiers
source 1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 372 TGTAGTGCCCTGGGA 387
2 TGAAGTGCCCTGGGA 17

RESULT 899
AX744421 17 bp DNA linear PAT 14-MAY-2003
LOCUS AX744421
DEFINITION Sequence 386 from Patent WO03031621.
ACCESSION AX744421
VERSION AX744421.1 GI:30723088
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Zhang, J.
TITLE A human G protein coupled receptor
JOURNAL Patent: WO 03031621-A 386 17-APR-2003;
Amersham Biosciences (SV) Corp. (US)
FEATURES Location/Qualifiers
source 1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 372 TGTAGTGCCCTGGGA 387
1 TGAAGTGCCCTGGGA 16

RESULT 900
AX759453 17 bp DNA linear PAT 25-JUN-2003
LOCUS AX759453
DEFINITION Sequence 2774 from Patent WO03040369.
ACCESSION AX759453
VERSION AX759453.1 GI:32254069
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 2774 15-MAY-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source 1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2225 TCAGAGACCTTGCTC 2240
16 TCAGAGACCTTGATC 1

RESULT 901
BD067725/c

LOCUS BD067725 17 bp RNA linear PAT 27-AUG-2002
 DEFINITION Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors.
 ACCESSION BD067725
 VERSION BD067725.1 GI:22613328
 KEYWORDS JP 2001511003-A/565.
 SOURCE unidentified
 ORGANISM unclassified.
 REFERENCE 1 (bases 1 to 17)
 AUTHORS Akhtar,S., Fell,P. and Mcswiggen,J.A.
 TITLE Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors
 JOURNAL Patent: JP 2001511003-A 565 07-AUG-2001;
 COMMENT RIBOZYME PHARMACEUTICALS INC,ASTON UNIV
 OS Unidentified
 PN JP 2001511003-A/565
 PD 07-AUG-2001
 PR 14-JAN-1998 JP 1998532913
 PR 31-JAN-1997 US 60/036476,04-DEC-1997 US 08/985162 PI
 SAGHIR AKHTAR, PATRICIA FELL, JAMES A MCSWIGGEN PC
 C12H9/00,C07K14/71
 CC Strandedness: Single;
 CC Topology: Linear;
 CC Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors
 FH Key location/Qualifiers
 FT source 1..17
 FT /organism='Unidentified'.
 FEATURES location/Qualifiers
 source 1..17
 /organism="unidentified"
 /mol_type="genomic RNA"
 /db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
 Best Local Similarity 93.8%; Pred. No. 6.4e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 778 GCCCAGGAGGGCAG 793
 Db 16 GCCCAGGAGGACAG 1

RESULT 902
 A26397/c 18 bp DNA linear PAT 01-APR-1995
 LOCUS A26397
 DEFINITION INTS 9 oligonucleotide (20-mer).
 ACCESSION A26397
 VERSION A26397.1 GI:904953
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE 1 (bases 1 to 18)
 AUTHORS
 TITLE
 JOURNAL
 FEATURES
 source
 EXPRESSION IN NON-TUMORAL HUMAN LYMPHOBLASTOID LINES WITH AN INTEGRATIVE VECTOR
 Patent: WO 9303163-A 5 18-FEB-1993;
 Location/Qualifiers
 1..18
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 202 CACCCCATCTCCCGTC 217
 Db 17 CACCCCATCTCCCGCC 2

RESULT 903
 A32394/c 18 bp DNA linear PAT 07-MAY-1996
 LOCUS A32394
 DEFINITION Synthetic human Epo gene probe.
 ACCESSION A32394
 VERSION A32394.1 GI:1567387
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE 1 (bases 1 to 18)
 AUTHORS
 JOURNAL
 FEATURES
 source
 Patent: FR 2657880-A 2 09-AUG-1991;
 Location/Qualifiers
 1..18
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 202 CACCCCATCTCCCGTC 217
 Db 17 CACCCCATCTCCCGCC 2

RESULT 904
 AR021100/c 18 bp DNA linear PAT 05-DEC-1998
 LOCUS AR021100
 DEFINITION Sequence 5 from patent US 5789247.
 ACCESSION AR021100
 VERSION AR021100.1 GI:3975715
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE 1 (bases 1 to 18)
 AUTHORS Ballay,A., Boffa,G., Cartton,J.-P., Chretien,S., Lambin,P., Lopez,C., Prigent,S. and Salmon,C.
 TITLE Expression in non-tumoral human lymphoblastoid lines with an integrative vector
 JOURNAL Patent: US 5789247-A 5 04-AUG-1998;
 FEATURES location/Qualifiers
 source 1..18
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 202 CACCCCATCTCCCGTC 217
 Db 17 CACCCCATCTCCCGCC 2

RESULT 905
 AR042358/c 18 bp DNA linear PAT 29-SEP-1999
 LOCUS AR042358
 DEFINITION Sequence 1148 from patent US 5811300.
 ACCESSION AR042358
 VERSION AR042358.1 GI:5962854
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE 1 (bases 1 to 18)
 AUTHORS Sullivan,S., Draper,K., Kisch,K., Stinchcomb,D.T. and McSwiggen,J.
 TITLE TNF-.alpha. ribozymes

JOURNAL Patent: US 5811300-A 1148 22-SEP-1998;
 FEATURES Location/Qualifiers
 source 1.18
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 CTGGAGAGGTCTGAG 26
 DB 18 CTGGAAAGGTCTGAG 3

RESULT 906
 AR051130/c 18 bp DNA linear PAT 23-SEP-1999
 LOCUS Sequence 11 from patent US 5830653.
 DEFINITION AR051130
 ACCESSION AR051130
 VERSION AR051130.1 GI:5974494
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 18)
 Froehner,B., Wagner,R., Matteucci,M., Jones,R.J., Gutierrez,A.J.
 and Fudio,U.
 TITLE Methods of using oligomers containing modified pyrimidines
 JOURNAL Patent: US 5830653-A 11 03-NOV-1998;
 FEATURES Location/Qualifiers
 source 1.18
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGA 1196
 DB 16 GAAAAAGAGAGAGA 1

RESULT 907
 AR153751/c 18 bp DNA linear PAT 08-AUG-2001
 LOCUS Sequence 12 from patent US 6235887.
 DEFINITION AR153751
 ACCESSION AR153751
 VERSION AR153751.1 GI:15121283
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 18)
 Froehner,B. and Jones,R.J.
 TITLE Enhanced triple-helix and double-helix formation directed by
 JOURNAL oligonucleotides containing modified pyrimidines
 FEATURES Patent: US 6235887-A 12 22-MAY-2001;
 Location/Qualifiers
 source 1.18
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGA 1196
 DB 16 GAAAAAGAGAGAGA 1

RESULT 908
 BD176984/c 18 bp DNA linear PAT 16-APR-2003
 LOCUS Method of analyzing nucleic acid base sequence.
 DEFINITION BD176984
 ACCESSION BD176984.1 GI:30014243
 VERSION JP 2002306166-A/40.
 KEYWORDS synthetic construct
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 18)
 Yamamoto,N., Okamoto,H. and Suzuki,T.
 TITLE Method of analyzing nucleic acid base sequence
 JOURNAL Patent: JP 2002306166-A 40 22-OCT-2002;
 CANON INC

COMMENT OS Artificial Sequence
 PN JP 2002306166-A/40
 PD 22-OCT-2002
 PF 31-AUG-2000 JP 2000263506
 PI NOBUKO YAMAMOTO,HISASHI OKAMOTO,TOMOHIRO SUZUKI PC
 C12N15/09,C12Q1/68//C12M1/00,C12N15/00
 CC Sample originonucleotide
 FH Key Location/Qualifiers
 FT source 1.18
 /organism="Artificial Sequence".

FEATURES Location/Qualifiers
 source 1.18
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4647 GACACGAGGCCAGC 4662
 DB 16 GACACGAGGCCAGC 1

RESULT 909
 BD211617/c 18 bp DNA linear PAT 17-JUL-2003
 LOCUS Canine and feline immunoregulatory proteins, nucleic acid molecules
 DEFINITION BD211617
 ACCESSION BD211617.1 GI:33021387
 VERSION JP 2002516104-A/123.
 KEYWORDS synthetic construct
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 18)
 Sim,G., Yang,S., Drelitz,M.J. and Wonderling,R.S.
 TITLE Canine and feline immunoregulatory proteins, nucleic acid molecules
 JOURNAL and method of using the same
 PATENT: JP 2002516104-A 123 04-JUN-2002;

COMMENT OS Artificial Sequence
 PN JP 2002516104-A/123
 PD 04-JUN-2002
 PF 28-MAY-1999 JP 2000551002
 PR 29-MAY-1998 US 60/087306
 PI GEKKEI SIM,SHUMIN YANG,MATTHEW J DREITZ,RAMANI S WONDERLING PC
 C12N15/09,A61K31/7088,A61K38/00,A61K39/00,A61K39/395,
 PC A61K39/395,
 PC A61K45/00,A61K48/00,A61P37/02,A61P37/04,C07K14/475,C07K14/535,
 PC C07K14/54,
 PC C07K14/56,C07K14/705,C07K16/24,C07K16/28,C12N1/21,C12N5/10, PC
 G01N33/15,
 PC G01N33/50,C12N15/00,A61K37/02,A61K37/66,C12N5/00 CC
 Description of Artificial Sequence: Synthetic Primer FH Key
 Location/Qualifiers
 FT source 1.18

FT /organism='Artificial Sequence',
location/Qualifiers
1.18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 6.6e+02;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 744 GGAGCAGATGGGCTGAG 761
18 GGAGGAGATGGGCTGTG 1

RESULT 910
LOCUS E14405 18 bp DNA linear PAT 28-JUL-1999
DEFINITION Primer.
ACCESSION E14405
VERSION E14405.1 GI:5709088
KEYWORDS JP 199731187-A/1.
SOURCE unidentifed
ORGANISM unidentifed
REFERENCE 1 (bases 1 to 18)
AUTHORS Akegi,H., Inagaki,A., Yokozeki,S., Nakamura,A. and Fujimura,T.
TITLE DNA MARKER LOCATING NEAR MALE STERILITY-RESTORATION GENE IN RICE
CYTOPLASM AND DNA DIAGNOSIS
JOURNAL Patent: JP 199731187-A 1 09-DEC-1997;
MITSUI PETROCHEM IND LTD
COMMENT OS None
OC Artificial sequences.
PN JP 199731187-A/1
PD 09-DEC-1997
PP 30-MAY-1996 JP 1996136502
PI AKAGI HIROMORI, INAGAKI AKIKO, YOKOZEKI SUKEYOSHI, PI
NAKAMURA ATSUSHI,
FUJIMURA TATSUTO
PC C12N15/09,C07H21/04,C12Q1/68//A01H1/00;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
FH key
FT source 1.18
/organism='Artificial sequences',
location/Qualifiers
1.18
/organism="unidentifed"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGGAAAGAGAGAGAG 1195
1 AGGAGAGAGAGAGAG 16

RESULT 911
LOCUS I08613 18 bp DNA linear PAT 02-DEC-1994
DEFINITION Sequence 7 from Patent WO 8707646.
ACCESSION I08613
VERSION I08613.1 GI:588681
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
FEATURES
unclassified.

REFERENCE 1 (bases 1 to 18)
AUTHORS Barzmann,C.I. and Weinberg,R.A.
TITLE DETECTION OF POINT MUTATIONS IN NEU GENES
JOURNAL Patent: WO 8707646-A 7 17-DEC-1987;
FEATURES location/Qualifiers
source 1.18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3068 TCACAGCTGAGGACTG 3083
16 TCACAGCTGAGGACCG 1

RESULT 912
LOCUS I51690 18 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 11 from patent US 5645985.
ACCESSION I51690
VERSION I51690.1 GI:2472891
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Proebler,B., Wagner,R., Matteucci,M., Jones,R.J., Gutierrez,A.J.
and Pardo,J.
TITLE Enhanced triple-helix and double-helix formation with oligomers
containing modified pyrimidines
JOURNAL Patent: US 5645985-A 11 08-JUL-1997;
location/Qualifiers
source 1.18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGAG 1196
16 GAAAAAGAGAGAGAG 1

RESULT 913
LOCUS AR187495 18 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 2983 from patent US 6346398.
ACCESSION AR187495
VERSION AR187495.1 GI:20233460
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Pavco,P., McSwigen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 2983 12-FEB-2002;
location/Qualifiers
source 1.18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 313 CCTGTGGGCTCTCTCC 328

Db 1 CCTCTCGGCTCCTCCC 16

RESULT 914
LOCUS AR232160 18 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 2 from patent US 6455290.
ACCESSION AR232160
VERSION AR232160.1 GI:27274047
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 18)
AUTHORS Berthelsen,J., Toma,S. and Isaacchi,A.
TITLE Tanyrase homolog protein (TRP), nucleic acids, and methods related to the same
JOURNAL Patent: US 6455290-A 2 24-SEP-2002;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 578 AGGAGCTGAGGAGT 593
Db 17 AGGAGCTGAGGAGAT 2

RESULT 915
LOCUS AR241595 18 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 151 from patent US 6471957.
ACCESSION AR241595
VERSION AR241595.1 GI:27287304
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 18)
AUTHORS Sim,G.-K., Yang,S., Dreitz,M.J. and Wonderling,R.S.
TITLE Canine IL-4 immunoregulatory proteins and uses thereof
JOURNAL Patent: US 6471957-A 151 29-OCT-2002;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 6.6e+02;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
Qy 744 GGAGCAGATGGGCTGAG 761
Db 18 GGAGCAGATGGGCTGTG 1

RESULT 916
LOCUS AR254079 18 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 12 from patent US 6479626.
ACCESSION AR254079
VERSION AR254079.1 GI:27302664
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 18)
AUTHORS Kim,J.-S. and Pabo,C.O.

TITLE Poly zinc finger proteins with improved linkers
JOURNAL Patent: US 6479626-A 12 12-NOV-2002;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 5192 GGGTCAGCGTGGGAG 5207
Db 3 GGGTCAGCGTGGCG 18

RESULT 917
LOCUS AR254551 18 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 151 from patent US 6482403.
ACCESSION AR254551
VERSION AR254551.1 GI:27303439
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 18)
AUTHORS Sim,G.-K., Yang,S., Dreitz,M.J. and Wonderling,R.S.
TITLE Canine IL-13 immunoregulatory proteins and uses thereof
JOURNAL Patent: US 6482403-A 151 19-NOV-2002;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 6.6e+02;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
Qy 744 GGAGCAGATGGGCTGAG 761
Db 18 GGAGCAGATGGGCTGTG 1

RESULT 918
LOCUS AR295654 18 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 7389 from patent US 6537751.
ACCESSION AR295654
VERSION AR295654.1 GI:31682938
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 18)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 7389 25-MAR-2003;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 2387 TTCACCTCTGTTCCA 2402
Db 2 TTCACCTCTCTTCCA 17

RESULT 919
AR297376 18 bp DNA linear PAT 12-JUN-2003
LOCUS Sequence 9111 from patent US 6537751.
DEFINITION AR297376
ACCESSION AR297376
VERSION AR297376.1 GI:31684660
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. 18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5152 ATTGCTCTGGCTGT 5167
|||||
1 ATTTCTCTGGCTGT 16

RESULT 920
AR324009 18 bp RNA linear PAT 17-AUG-2003
LOCUS AR324009
DEFINITION Sequence 1411 from patent US 6566127.
ACCESSION AR324009
VERSION AR324009.1 GI:33709817
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. 18
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 313 CCTCTGGGCTCCGCC 328
|||||
1 CCTCTGGCTCCGCC 16

RESULT 921
AX076212/c 18 bp DNA linear PAT 06-FEB-2001
LOCUS AX076212
DEFINITION Sequence 2 from Patent WO0104326.
ACCESSION AX076212
VERSION AX076212.1 GI:12710837
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. 18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR primer"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3606 TCTCAAACTCTGGAC 3621
|||||
1 TCTCAAACTCTGGAC 3

RESULT 923
AX318812 18 bp DNA linear PAT 14-DEC-2001
LOCUS AX318812
DEFINITION Sequence 28 from Patent WO0172957.
ACCESSION AX318812
VERSION AX318812.1 GI:17901094
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. 18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR primer"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

PHARMACIA & UPJOHN S.p.A. (IT)
Location/Qualifiers
1. 18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR primer"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 578 AGGAGCTGAAGAGTT 593
|||||
17 AGGAGCTGAAGAGAT 2

RESULT 922
AX082558/c 18 bp DNA linear PAT 28-FEB-2001
LOCUS AX082558
DEFINITION Sequence 9 from Patent WO0111047.
ACCESSION AX082558
VERSION AX082558.1 GI:13184668
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. 18
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3606 TCTCAAACTCTGGAC 3621
|||||
1 TCTCAAACTCTGGAC 3

RESULT 923
AX318812 18 bp DNA linear PAT 14-DEC-2001
LOCUS AX318812
DEFINITION Sequence 28 from Patent WO0172957.
ACCESSION AX318812
VERSION AX318812.1 GI:17901094
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. 18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR primer"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 138 CTCAGAGTCCAGAC 153
 DB 3 CTCAGAGACCGAC 18

RESULT 924
 LOCUS AX391659/c 18 bp DNA linear PAT 23-MAR-2002
 DEFINITION Sequence 40 from Patent EP1184468.
 ACCESSION AX391659
 VERSION AX391659.1 GI:19700265
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Yamamoto,N.C., Okamoto,T.C. and Suzuki,T.C.
 TITLE Method for sequencing using probe arrays
 JOURNAL Patent: EP 1184468-A 40 06-MAR-2002;
 CANON KABUSHIKI KAISHA (JP)
 FEATURES
 source Location/Qualifiers
 1.18
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Sample oligonucleotide"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4647 GAACACGAGGCCGAC 4662
 DB 16 GAACACGAGGCCCATC 1

RESULT 925
 LOCUS AX391808/c 18 bp DNA linear PAT 23-MAR-2002
 DEFINITION Sequence 40 from Patent EP1184467.
 ACCESSION AX391808
 VERSION AX391808.1 GI:19700392
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Yamamoto,N., Okamoto,T., Tanaka,S. and Suzuki,T.
 TITLE Screening method for gene variation
 JOURNAL Patent: EP 1184467-A 40 06-MAR-2002;
 CANON KABUSHIKI KAISHA (JP)
 FEATURES
 source Location/Qualifiers
 1.18
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Sample oligonucleotide"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4647 GAACACGAGGCCGAC 4662
 DB 16 GAACACGAGGCCCATC 1

RESULT 926
 LOCUS AX453816/c 18 bp DNA linear PAT 06-JUL-2002
 DEFINITION Sequence 40 from Patent EP1213361.
 ACCESSION AX453816

VERSION AX453816.1 GI:21713485
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Okamoto,T., Yamamoto,N. and Suzuki,T.
 TITLE Terminal labeled probe array and method of making it
 JOURNAL Patent: EP 1213361-A 40 12-JUN-2002;
 CANON KABUSHIKI KAISHA (JP)
 FEATURES
 source Location/Qualifiers
 1.18
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Synthesized"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4647 GAACACGAGGCCGAC 4662
 DB 16 GAACACGAGGCCCATC 1

RESULT 927
 LOCUS AX599475/c 18 bp DNA linear PAT 14-FEB-2003
 DEFINITION Sequence 815 from Patent WO02077272.
 ACCESSION AX599475
 VERSION AX599475.1 GI:28399619
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Berlin,K., Braun,A., Dietler,J., Guetig,D., Howe,A., Mueller,J.,
 Olek,A., Piepenbrock,C., Adorian,P., Grabs,G., Lesche,R., Leu,B.,
 Lewin,A., Lipsche,B., Maier,S., Model,F., Mueller,V., Otto,T.,
 Pelet,C. and Ziebart,H.
 TITLE Methods and nucleic acids for the analysis of hematopoietic cell
 JOURNAL proliferative disorders
 Patent: WO 02077272-A 815 03-OCT-2002;
 Epigenomics AG (DE)
 FEATURES
 source Location/Qualifiers
 1.18
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Detection oligonucleotide for PMS2"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3602 CTAATCTCAACTCCT 3617
 DB 17 CTAATCTCAACTCCT 2

RESULT 928
 LOCUS AX637808/c 18 bp RNA linear PAT 21-FEB-2003
 DEFINITION Sequence 4947 from Patent EP1260566.
 ACCESSION AX637808
 VERSION AX637808.1 GI:28473422
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified
 REFERENCE 1
 AUTHORS Stinchcomb,P.T., Dudycz,L.W., Chowrira,B., Grimm,S., D'Irenzo,A.,

TITLE
JOURNAL
source
Karpeisky, A., Draper, K.G., Kisich, K., Marulic-Adamic, J., Mcswigen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and Woolf, T.
Method and reagent for inhibiting the expression of disease related genes
Patent: EP 1260586-A 4947 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
1. 18
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 11 CTGAGAGGCTGTGAAG 26
18 CTGAGAGGCTGTGAAG 3

RESULT 929
BD000051/c
LOCUS
DEFINITION
BD000051 18 bp DNA linear PAT 31-JAN-2002
Probe-coupling substrate, process for producing the same, probe-array, method for detecting target substance, method for specifying base sequence of single-stranded nucleic acid in sample, and method for quantitating the target substance in the sample.
sample.
BD000051
VERSION
BD000051.1 GI:18623130
KEYWORDS
JP 2000270896-A/41.
SOURCE
synthetic construct
ORGANISM
artificial sequences.
REFERENCE
1 (bases 1 to 18)
Okamoto, H., Yamamoto, N. and Suzuki, T.
Probe-coupling substrate, process for producing the same, probe-array, method for detecting target substance, method for specifying base sequence of single-stranded nucleic acid in sample, and method for quantitating the target substance in the sample, Patent: JP 2000270896-A 41 03-OCT-2000;
JOURNAL
CANON INC ANTEN PHARMACEUT CO LTD
OS Artificial Sequence
PN JP 2000270896-A/41
PD 03-OCT-2000
PF 28-JAN-1999 JP 1999019915
PR
PI HISASHI OKAMOTO, NOBUKO YAMAMOTO, TOMOHIRO SUZUKI PC
C1201/68, C12M1/00, C12N15/09, G01N33/566, C12N15/00 CC
FH Key Location/Qualifiers
FT source 1. 18
/organism="Artificial Sequence".
Location/Qualifiers
1. 18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4647 GAACACGAGGCCACG 4662
16 GAACACGAGGCCACG 1

RESULT 930
BD091566
LOCUS
BD091566 18 bp DNA linear PAT 27-AUG-2002

DEFINITION
Adult bone marrow-origin cell capable of differentiating into myocardial cell.
myocardial cell.
BD091566
ACCESSION
BD091566.1 GI:22637177
VERSION
WO 0148149-A/29.
KEYWORDS
WO 0148149-A/29.
SOURCE
synthetic construct
ORGANISM
artificial sequences.
REFERENCE
1 (bases 1 to 18)
Umezawa, A., Hata, J., Fukuda, K., Satohi, Ogawa and Sakurada, K.
Adult bone marrow-origin cell capable of differentiating into myocardial cell
Patent: WO 0148149-A 29 05-JUL-2001;
JOURNAL
KYOWA HAKKO KOGYO CO LTD, AKIHIRO UMEZAWA, JUNICHI HATA, KEIICHI FUKUDA, SATOSHI OGAWA, KAZUHIRO SAKURADA
OS Artificial Sequence
PN WO 0148149-A/29
PD 05-JUL-2001
PF 28-FEB-2000 WO 2000JP001148
PR 28-DEC-1999 JP 99P 372826
PI AKIHIRO UMEZAWA, JUNICHI HATA, KEIICHI FUKUDA, SATOSHI PI
OGAWA, KAZUHIRO SAKURADA
PC C12N5/06, C12N5/00, A61K35/28, A61P41/00, A61K48/00, C07K16/18 CC
Description of Artificial Sequence: artificially synthesized CC primer
CC sequence
FH Key Location/Qualifiers.
1. 18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4728 AGCCTGAAGGAGACC 4743
2 AGCCTGAAGGAGACC 17

RESULT 931
BD094762
LOCUS
DEFINITION
BD094762 18 bp DNA linear PAT 27-AUG-2002
The cell having the potentiality of differentiation into cardiomyocytes.
ACCESSION
BD094762
VERSION
BD094762.1 GI:22640350
KEYWORDS
WO 0148150-A/29.
SOURCE
synthetic construct
ORGANISM
artificial sequences.
REFERENCE
1 (bases 1 to 18)
Umezawa, A., Hata, J., Fukuda, K., Ogawa, S., Sakurada, K., Gojo, S. and Yamada, Y.
The cell having the potentiality of differentiation into myocardial cell
Patent: WO 0148150-A 29 05-JUL-2001;
JOURNAL
KYOWA HAKKO KOGYO CO LTD, AKIHIRO UMEZAWA, JUNICHI HATA, KEIICHI FUKUDA, SATOSHI OGAWA, KAZUHIRO SAKURADA, SATOSHI GOJO, YOJI YAMADA
OS Artificial Sequence
PN WO 0148150-A/29
PD 05-JUL-2001
PF 02-NOV-2000 WO 2000JP007741
PR 28-DEC-1999 JP 99P 372826, 28-FEB-2000 WO PCTJP0001448 PI
AKIHIRO UMEZAWA, JUNICHI HATA, KEIICHI FUKUDA, SATOSHI OGAWA, PI
KAZUHIRO SAKURADA, SATOSHI GOJO, YOJI YAMADA
PC C12N5/06, C12N5/10, C12N15/09, A61K31/203, A61K35/28, A61K38/19, PC
A61K38/39,
PC A61K38/45, A61K48/00, A61P9/10, A61P41/00, C07K16/28, C12P21/08, PC
C1201/02,
PC C1201/48, G01N33/577
CC Description of Artificial Sequence: artificially synthesized

[illegible]

FEATURES	source
ACCESSION	BD133662
VERSION	BD133662.1 GI:23228607
KEYWORDS	JP 2002071687-A/40.
SOURCE	synthetic construct
ORGANISM	synthetic construct
REFERENCE	artificial sequences.
AUTHORS	1 (bases 1 to 18)
TITLE	Yamamoto, N., Okamoto, T., Suzuki, T. and Tanaka, S.
JOURNAL	Method for screening mutated gene
COMMENT	Patent: JP 2002071687-A 40 12-MAR-2002; CANON INC
OS	Artificial Sequence
PN	JP 2002071687-A/40
PD	12-MAR-2002
PF	31-AUG-2000 JP 2000263396
PI	NOBUKO YAMAMOTO, TADASHI OKAMOTO, TOMOHIRO SUZUKI, SHINYA TANAKA
PC	G01N33/53, C12N15/09, C12N15/09, G01N31/22, G01N33/566, PC
GC	G01N37/00,
CC	C12N15/00
FT	Sample oligonucleotide
FT	source
FT	1. .18
FT	Location/Qualifiers
FT	Location/Qualifiers
FT	1. .18
FT	/organism='Artificial Sequence'
FT	/organism='synthetic construct'
FT	/mol_type='genomic DNA'
FT	/db_xref='taxon:32630'
Query Match	0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity	93.8%; Pred. No. 6,66+02;
Matches	15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY	4647 GAACACGAGGCCGAGC 4662
DB	16 GAACACGAGGCCGAGC 1
RESULT 934	
LOCUS	BD135111 18 bp DNA linear PAT 18-SEP-2002
DEFINITION	Polyzinc finger protein having improved linker.
ACCESSION	BD135111
VERSION	BD135111.1 GI:23230056
KEYWORDS	JP 2002505111-A/12.
SOURCE	synthetic construct
ORGANISM	synthetic construct
REFERENCE	artificial sequences.
AUTHORS	1 (bases 1 to 18)
TITLE	K4m,U.S. and Pabo,C.O.
JOURNAL	Polyzinc finger protein having improved linker
COMMENT	Patent: JP 2002505111-A 12 19-FEB-2002; MASSACHUSETTS INSTITUTE OF TECHNOLOGY
OS	Artificial Sequence
PN	JP 2002505111-A/12
PD	19-FEB-2002
PF	01-MAR-1999 JP 2000534663
PI	02-MAR-1998 US 60/076454
PC	JIN SOO KIM, CARL O PABO
CC	C12N15/09, C07K14/00, C07K19/00//A61K38/00, A61K48/00, C12P21/00,
FT	C12N15/00,
FT	A61K37/02
FT	Description of Artificial Sequence: NZ site with NRE- and CC
FT	zif268-binding
FT	Key
FT	source
FT	1. .18
FT	Location/Qualifiers
FT	Location/Qualifiers
FT	1. .18
FT	/organism='Artificial Sequence'
FT	/organism='synthetic construct'
FT	/mol_type='genomic DNA'
FT	/db_xref='taxon:32630'

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5192 GGGTTCAGCGTGGGAG 5207
|||||
DB 3 GGGTTCAGCGTGGGCG 18

RESULT 935
BD135740/c 18 bp DNA linear PAT 18-SEP-2002
LOCUS
DEFINITION Method for detecting subjective component in specimen sample, and
substitute for detection used therefor.
ACCESSION BD135740
VERSION BD135740.1 GI:23230685
KEYWORDS JP 2002065274-A/44.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1 (bases 1 to 18)
REFERENCE Yamamoto,N., Okamoto,T., Suzuki,T. and Shimizu,A.
AUTHORS Method for detecting subjective component in specimen sample, and
TITLES substitute for detection used therefor
JOURNAL Patent: JP 2002065274-A 44 05-MAR-2002;
CANON INC

OS Artificial Sequence
PN JP 2002065274-A/44
PD 05-MAR-2002 JP 2000263395
PF 31-AUG-2000 JP 2000263395
PI NOBUKO YAMAMOTO,TADASHI OKAMOTO,TOMOHIRO SUZUKI,AKIRA SHIMIZU
PC C12N15/09,C12M1/00,C12Q1/68,G01N31/22,G01N33/53, PC
G01N33/566,
PC G01N35/02,G01N35/10,G01N37/00,C12N15/00,G01N35/06 CC DNA
probe for hybridizing with gene encoding
mutated p53;named
CC in Table 1 as probe 40
FH Key Location/Qualifiers
FT source 1..18 /organism='Artificial Sequence'.
FT Location/Qualifiers
1..18
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4647 GAACACGAGGCCGAGC 4662
|||||
DB 16 GAACACGAGGCCCATC 1

RESULT 936
BD161006/c 18 bp DNA linear PAT 17-JAN-2003
LOCUS
DEFINITION Terminal-labeled probe-array and method for preparing it, and
method for evaluating target mass using the same.
ACCESSION BD161006
VERSION BD161006.1 GI:27866764
KEYWORDS JP 2002153284-A/40.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1 (bases 1 to 18)
REFERENCE Okamoto,T., Yamamoto,N. and Suzuki,T.
AUTHORS Terminal-labeled probe-array and method for preparing it, and
TITLES method for evaluating target mass using the same
JOURNAL Patent: JP 2002153284-A 40 28-MAY-2002;

COMMENT CANON INC
OS Artificial Sequence
PN JP 2002153284-A/40
PD 28-MAY-2002
PF 24-NOV-2000 JP 2000357446
PI TADASHI OKAMOTO,NOBUKO YAMAMOTO,TOMOHIRO SUZUKI PC
C12N15/09,C12Q1/68,G01N31/22,G01N33/53,G01N37/00, PC
C12N15/00
CC Description of Artificial Sequence:Synthesized FH Key
Location/Qualifiers
FT source 1..18
FT Location/Qualifiers
1..18
/organism='Artificial Sequence'.
source /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4647 GAACACGAGGCCGAGC 4662
|||||
DB 16 GAACACGAGGCCCATC 1

RESULT 938
A65742/c 19 bp DNA linear PAT 29-MAR-1999
LOCUS
DEFINITION Sequence 23 from Patent WO9735973.
ACCESSION A65742
VERSION A65742.1 GI:4531361

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4647 GAACACGAGGCCGAGC 4662
|||||
DB 16 GAACACGAGGCCCATC 1

RESULT 937
BD167501/c 18 bp DNA linear PAT 17-JAN-2003
LOCUS
DEFINITION A method of analyzing a base sequence of a nucleic acid.
ACCESSION BD167501
VERSION BD167501.1 GI:27873313
KEYWORDS WO 0233068-A/40.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1 (bases 1 to 18)
REFERENCE Yamamoto,N., Okamoto,T. and Suzuki,T.
AUTHORS A method of analyzing a base sequence of a nucleic acid
TITLES Patent: WO 0233068-A 40 25-APR-2002;
JOURNAL CANON KK,NOBUKO YAMAMOTO,TADASHI OKAMOTO,TOMOHIRO SUZUKI
COMMENT OS Artificial Sequence
PN WO 0233068-A/40
PD 25-APR-2002
PF 18-OCT-2000 WO 2000JP007244
PI NOBUKO YAMAMOTO,TADASHI OKAMOTO,TOMOHIRO SUZUKI PC
C12N15/09,C12Q1/68,G01N33/566,G01N33/53
CC Sample origin:nucleotide
FH Key Location/Qualifiers
FT source 1..18
FT Location/Qualifiers
1..18
/organism='Artificial Sequence'.
source /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE
AUTHORS
1
Lensen, G., Pletier-Rouxel, F., Drumare, Marie-Francoise and Strosberg, A.D.
TITLE
CANTINE beta 2- AND beta 3-ADRENERGIC RECEPTORS AND USE THEREOF
JOURNAL
Patent: WO 9735973-A 23 02-OCT-1997;
VERTIGEN (FR)
COMMENT
Other publication FR 2746813 19971003.
FEATURES
source
1.19
Location/Qualifiers
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1618 TACTTCAGCTGCAGAG 1633
DB 17 TACTTCAGCTGCAGAG 2

RESULT 939
E12683 19 bp DNA linear PAT 27-APR-1998
LOCUS
DEFINITION
Anti-HTLV-1 antisense oligonucleotide.
E12683
ACCESSION
E12683.1 GI:3251515
VERSION
JP 1997052898-A/17.
KEYWORDS
JP 1997052898-A/17.
SOURCE
unidentified
ORGANISM
unidentified
REFERENCE
1 (bases 1 to 19)
AUTHORS
Mizuguchi, M., Kurosaki, N., Makino, K., Koyanagi, Y. and Yamamoto, N.
TITLE
ANTI-HTLV-1 ANTI-SENSE OLIGONUCLEOTIDE
JOURNAL
Patent: JP 1997052898-A 17 25-FEB-1997;
SOYAKU GIJUTSU KENKYUSHO:KK
COMMENT
OS None
OC Artificial sequences.
PN JP 1997052898-A/17
PD 25-FEB-1997
PE 09-AUG-1995 JP 1995224606
PI
MIZUGUCHI MASATSUGU, KUROSAKI NAOKO, MAKINO KEISUKE, PI
KOYANAGI YOSHIO,
YAMAMOTO NAOKI
PC CO7H21/04//A61K31/70;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: Yes;
FH Key
FH Location/Qualifiers
FT source
FT 1.19
Location/Qualifiers
/organism="Artificial sequences".
source
1.19
Location/Qualifiers
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4040 AAGGGGCCCATGTGGA 4055
DB 2 AAGTGCGCCATGTGGA 17

RESULT 940
AR268328 19 bp DNA linear PAT 10-APR-2003
LOCUS
DEFINITION
Sequence 9 from patent US 6498147.
AR268328
ACCESSION
AR268328.1 GI:29698678
VERSION
AR268328.1 GI:29698678
KEYWORDS
Unknown.
SOURCE
Unknown.
ORGANISM
Unknown.
REFERENCE
1 (bases 1 to 19)
AUTHORS
Nerenberg, M.I. and Kitaajima, I.
TITLE
Suppression of nuclear factor-.kappa.b dependent processes using oligonucleotides
JOURNAL
Patent: US 6498147-A 9 24-DEC-2002;
FEATURES
source
1.19
Location/Qualifiers
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4040 AAGGGGCCCATGTGGA 4055
DB 2 AAGTGCGCCATGTGGA 17

RESULT 941
AR268329 19 bp DNA linear PAT 10-APR-2003
LOCUS
DEFINITION
Sequence 10 from patent US 6498147.
AR268329
ACCESSION
AR268329.1 GI:29698679
VERSION
AR268329.1 GI:29698679
KEYWORDS
Unknown.
SOURCE
Unknown.
ORGANISM
Unknown.
REFERENCE
1 (bases 1 to 19)
AUTHORS
Nerenberg, M.I. and Kitaajima, I.
TITLE
Suppression of nuclear factor-.kappa.b dependent processes using oligonucleotides
JOURNAL
Patent: US 6498147-A 10 24-DEC-2002;
FEATURES
source
1.19
Location/Qualifiers
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4040 AAGGGGCCCATGTGGA 4055
DB 18 AAGTGCGCCATGTGGA 3

RESULT 942
AR038671 19 bp DNA linear PAT 29-SEP-1999
LOCUS
DEFINITION
Sequence 5 from patent US 5807678.
AR038671
ACCESSION
AR038671.1 GI:5958034
VERSION
AR038671.1 GI:5958034
KEYWORDS
Unknown.
SOURCE
Unknown.
ORGANISM
Unknown.
REFERENCE
1 (bases 1 to 19)
AUTHORS
Miller, M.L., Lin, D. and Straube, J.F. III.
TITLE
Identification of gene mutations associated with congenital lipid adrenal hyperlasia
JOURNAL
Patent: US 5807678-A 5 15-SEP-1998;

FEATURES
source
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGC 2656
Db 16 CTGCCCTCTCTCTGC 1

RESULT 943
AR051997
LOCUS AR051997 19 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 8 from patent US 5830751.
ACCESSION AR051997
VERSION AR051997.1 GI:5975361
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
Unclassified.
1 (bases 1 to 19)
Boeke,J.D. and Brachmann,R.K.
Genetic assays and strains using human TP53
Patent: US 5830751-A 8 03-NOV-1998;
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2566 GGGAGAGAGAGATGG 2581
Db 4 GGGAGAGAGAGATGG 19

RESULT 944
AR060404
LOCUS AR060404 19 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 8 from patent US 5840579.
ACCESSION AR060404
VERSION AR060404.1 GI:5986854
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
Unclassified.
1 (bases 1 to 19)
Boeke,J.D. and Brachmann,R.K.
Nucleic acids encoding p53 mutations which suppress p53 cancer
mutations
Patent: US 5840579-A 8 24-NOV-1998;
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2566 GGGAGAGAGAGATGG 2581
Db 4 GGGAGAGAGAGATGG 19

RESULT 945
AR067405

LOCUS AR067405 19 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1 from patent US 5851762.
ACCESSION AR067405
VERSION AR067405.1 GI:5998627
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
Unclassified.
1 (bases 1 to 19)
Simons,M.J.
Genomic mapping method by direct haplotyping using intron sequence
analysis
Patent: US 5851762-A 1 22-DEC-1998;
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4685 TGAGCGAGTCTGGA 4700
Db 4 TGAGCGAGTCTGGA 19

RESULT 946
AR128962
LOCUS AR128962 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 8 from patent US 6183964.
ACCESSION AR128962
VERSION AR128962.1 GI:14116624
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
Unclassified.
1 (bases 1 to 19)
Boeke,J.D. and Brachmann,R.K.
Method for identifying suppressor mutations for common p53 cancer
mutations
Patent: US 6183964-A 8 06-FEB-2001;
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2566 GGGAGAGAGAGATGG 2581
Db 4 GGGAGAGAGAGATGG 19

RESULT 947
BD230488
LOCUS BD230488 19 bp DNA linear PAT 17-JUL-2003
DEFINITION Total genome radiation hybrid map of canine genome and its use for
identification of interesting genes.
ACCESSION BD230488
VERSION BD230488.1 GI:33040258
KEYWORDS JP 2002530091-A/357.
SOURCE Canis familiaris (dog)
ORGANISM Canis familiaris
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
REFERENCE
AUTHORS
TITLE
JOURNAL
Total genome radiation hybrid map of canine genome and its use for
identification of interesting genes
Patent: JP 2002530091-A 357 17-SEP-2002;

COMMENT CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
OS Canis familiaris (dog)
PN JP 2002530091-A/357
PD 17-SEP-2002
PF 15-NOV-1999 JP 2000582596
PR 13-NOV-1998 US 60/108193
PT FRANCIS GALIBERT, CATHERINE ANDRE
PC C12N15/09, C12O1/68, C12N15/00
CC BD0293
FH Key
FT source
FEATURES Location/Qualifiers
1..19 /organism="Canis familiaris (dog)".
/mol_type="genomic DNA"
/db_xref="taxon:9615"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 3249 CTGCTGCCAGACCTG 3264
DB 1 CTGCTGCCAGACCTG 16

RESULT 948
BD244656 19 bp DNA linear PAT 17-JUL-2003
LOCUS Low temperature-adaptable equine influenza virus.
DEFINITION BD244656
ACCESSION BD244656
VERSION BD244656.1 GI:33054426
KEYWORDS JP 2002522078-A/32.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 19)
AUTHORS Dowling, P.W. and Youngner, J.S.
TITLE Low temperature-adaptable equine influenza virus
JOURNAL Patent: JP 2002522078-A 32 23-JUL-2002;
THE UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER
EDUCATION
COMMENT OS Artificial Sequence
PN JP 2002522078-A/32
PD 23-JUL-2002
PF 12-AUG-1999 JP 2000565137
PR 13-AUG-1998 US 09/133921
PT PATRICIA W DOWLING, JULIUS S YOUNGNER
PC C12N15/09, A61K39/145, A61P31/16, C07K14/11, C12N7/04, (C12N7/04,
PC C12R1:92),
PC C12N15/00
CC Description of Artificial Sequence: Synthetic Primer FH Key
FT source
FEATURES Location/Qualifiers
1..19 /organism="Artificial Sequence".
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 4491 AGCCGTAACCTTCACT 4506
DB 1 AGCCGTAACCTTCACT 16

RESULT 949
AR254656

LOCUS AR254656 19 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 40 from patent US 6482414.
ACCESSION AR254656
VERSION AR254656.1 GI:27303677
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Dowling, P.W. and Youngner, J.S.
TITLE Cold-adapted equine influenza viruses
JOURNAL Patent: US 6482414-A 40 19-NOV-2002;
FEATURES Location/Qualifiers
1..19 /organism="unknown"
source /mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 4491 AGCCGTAACCTTCACT 4506
DB 1 AGCCGTAACCTTCACT 16

RESULT 950
AR299581 19 bp DNA linear PAT 12-JUN-2003
LOCUS AR299581
DEFINITION Sequence 11316 from patent US 6537751.
ACCESSION AR299581
VERSION AR299581.1 GI:31686865
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.
TITLE Biallelic markers for use in constructing a high density
JOURNAL disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 11316 25-MAR-2003;
FEATURES Location/Qualifiers
1..19 /organism="unknown"
source /mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 5262 GTAAAGTGAAGAGAG 5277
DB 19 GTAAAGTGAAGAGAG 4

RESULT 951
AR322117 19 bp mRNA linear PAT 17-AUG-2003
LOCUS AR322117
DEFINITION Sequence 8 from patent US 6566056.
ACCESSION AR322117
VERSION AR322117.1 GI:33707661
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Boeke, J.D. and Brachmann, R.K.
TITLE Genetic assays and strains using human TP53
JOURNAL Patent: US 6566056-A 8 20-MAY-2003;
FEATURES Location/Qualifiers
1..19 /organism="unknown"
source /mol_type="mRNA"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2566 GGGGAGAGAGAGATCG 2581
|||||
DB 4 GGGGAGAGAGAGATCG 19

RESULT 952
AR343264 19 bp DNA PAT 17-AUG-2003
DEFINITION Sequence 40 from patent US 6579528.
ACCESSION AR343264
VERSION AR343264.1 GI:33738782
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Dowling,P.W. and Youngner,J.S.
TITLE Cold-adapted equine influenza viruses
JOURNAL Patent: US 6579528-A 40 17-JUN-2003;
FEATURES Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4491 AGCCGACCTTCACCT 4506
|||||
DB 1 AGCCGACCTTCATCT 16

RESULT 953
AR455531 19 bp DNA PAT 20-FEB-2004
LOCUS AR455531
DEFINITION Sequence 40 from patent US 6685946.
ACCESSION AR455531
VERSION AR455531.1 GI:42690351
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Dowling,P.W. and Youngner,J.S.
TITLE Cold-adapted equine influenza viruses
JOURNAL Patent: US 6685946-A 40 03-FEB-2004;
FEATURES Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4491 AGCCGACCTTCACCT 4506
|||||
DB 1 AGCCGACCTTCATCT 16

RESULT 954
AX130852 19 bp DNA PAT 15-MAY-2001
LOCUS AX130852/c
DEFINITION Sequence 2070 from Patent WO0130362.
ACCESSION AX130852
VERSION AX130852.1 GI:14137157
KEYWORDS

SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
REFERENCE 1
AUTHORS Robbins,J.M. and Tritz,R.
TITLE Ribozyme therapy for the treatment of proliferative skin and eye diseases
JOURNAL Patent: WO 0130362-A 2070 03-MAY-2001;
IMMUSOL, INC. (US)
FEATURES Location/Qualifiers
1..19
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="Cyclin E ribozyme binding site"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4374 GGGATCAGGATCAGG 4389
|||||
DB 19 GGGATCAGGAGCAGG 4

RESULT 955
AX225005 19 bp DNA PAT 10-SEP-2001
LOCUS AX225005
DEFINITION Sequence 15 from Patent WO0160849.
ACCESSION AX225005
VERSION AX225005.1 GI:15555078
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Dowling,P.W. and Youngner,J.S.
TITLE Cold-adapted equine influenza viruses
JOURNAL Patent: WO 0160849-A 15 23-AUG-2001;
UNIV. OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION (US)
FEATURES Location/Qualifiers
1..19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Primer"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4491 AGCCGACCTTCACCT 4506
|||||
DB 1 AGCCGACCTTCATCT 16

RESULT 956
AX353083 19 bp DNA PAT 06-FEB-2002
LOCUS AX353083
DEFINITION Sequence 289 from Patent EP1174518.
ACCESSION AX353083
VERSION AX353083.1 GI:18618165
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Loukachov,V.V., van Gemen,B. and Goudsmilt,J.
TITLE Collection of binding molecules
JOURNAL Patent: EP 1174518-A 289 23-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)

FEATURES
source

Location/Qualifiers
1.19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="position 103"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5403 AAAAAAAAAAATGA 5418

Db 2 AAAAAAAAAAATGA 17

RESULT 957

AX362928

LOCUS AX362928 19 bp DNA linear PAT 15-FEB-2002

DEFINITION Sequence 289 from Patent WO0208463.

ACCESSION AX362928

VERSION AX362928.1 GI:18695068

KEYWORDS

SOURCE

ORGANISM

REFERENCE

1 Loukachov, V.V., Goudemil, J. and van Gemen, B.

Collection of binding molecules

Patent: WO 0208463-A 289 31-JAN-2002;

Amsterdam Support Diagnostics B.V. (NL)

Location/Qualifiers

FEATURES

source

1.19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="position 103"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5403 AAAAAAAAAAATGA 5418

Db 2 AAAAAAAAAAATGA 17

RESULT 958

AX362744

LOCUS AX362744 19 bp DNA linear PAT 19-DEC-2003

DEFINITION Sequence 27 from Patent WO03085133.

ACCESSION AX362744

VERSION AX362744.1 GI:40247082

KEYWORDS

SOURCE

ORGANISM

REFERENCE

1 Nagara, J.G.

Novel f1ssr-pcr primers and method of identifying genotyping

varieties, a kit thereof

Patent: WO 03085133-A 27 16-OCT-2003;

Centre for DNA Fingerprinting and Diagnostics, Centre for; the

Department of Biotechnology, Ministry of Science & Technology (IN)

Location/Qualifiers

FEATURES

source

1.19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="A novel F1SSR-PCR primer for genotyping eukaryotes"

Query Match

0.3%; Score 14.4; DB 1; Length 19;

Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAGAGAGAGAGA 1196

Db 1 GAGAGAGAGAGAGA 16

RESULT 959

AX362752

LOCUS AX362752 19 bp DNA linear PAT 19-DEC-2003

DEFINITION Sequence 35 from Patent WO03085133.

ACCESSION AX362752

VERSION AX362752.1 GI:40247110

KEYWORDS

SOURCE

ORGANISM

REFERENCE

1 Nagara, J.G.

Novel f1ssr-pcr primers and method of identifying genotyping

varieties, a kit thereof

Patent: WO 03085133-A 35 16-OCT-2003;

Centre for DNA Fingerprinting and Diagnostics, Centre for; the

Department of Biotechnology, Ministry of Science & Technology (IN)

Location/Qualifiers

FEATURES

source

1.19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="A novel F1SSR-PCR primer for genotyping eukaryotes"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAAAT 1201

Db 2 AGAGAGAGAGAAAT 17

RESULT 960

BD088114

LOCUS BD088114 19 bp DNA linear PAT 27-AUG-2002

DEFINITION A method of arraying genome clone.

ACCESSION BD088114

VERSION BD088114.1 GI:22633724

KEYWORDS JP 2001321190-A/358.

SOURCE

ORGANISM

REFERENCE

1 Soeda, E.

A method of arraying genome clone

Patent: JP 2001321190-A 358 20-NOV-2001;

THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA

JOURNAL

COMMENT

OS

PN

PD

PI

PC

PC

PC

CC

FT

FT

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FT

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FT

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FT

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FT

Location/Qualifiers
1.19
/organism="Artificial Sequence".

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Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 478 CACCTGGGAACATCCC 493
|||||
1 CACCTGAGAACATCCC 16

RESULT 961
BD089283 19 bp DNA linear PAT 27-AUG-2002
DEFINITION A method of arraying genome clone.
ACCESSION BD089283
VERSION BD089283.1 GI:22634893
KEYWORDS JP 2001321190-A/1527.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 19)
AUTHORS Soeda,E
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 1527 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAIISHA
GENOTECBS
OS Artificial Sequence
PN JP 2001321190-A/1527
PD 20-NOV-2001
PE 12-MAR-2001 JP 2001068285
PI EIICHI SOEDA
PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
C12N15/00,
CC Description of Artificial Sequence:Synthetic DNA FH Key
FT source
Location/Qualifiers
1..19 /organism='Artificial Sequence'.
1..19 /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3588 CCATGTTGCTCAGGCT 3603
|||||
4 CCATGTTGCTCAGGCT 19

RESULT 962
AB068045 19 bp DNA linear SYN 21-MAY-2003
LOCUS AB068045
DEFINITION Synthetic construct DNA, reverse primer for human STS sts-WI-21934
at 1p36.
ACCESSION AB068045
VERSION AB068045.1 GI:15128849
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,
Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
and Soeda,E.
TITLE A BAC-based STS-content map spanning a 35-Mb region of human
chromosome 1p35-p36

FEATURES
source
1..19 /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
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1..19 /note='reverse primer for human STS sts-WI-21934 at 1p36
sts-WI-21934 obtained from clones B192L5, B359B13, Human
BAC library RPCI-11'

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JOURNAL Genomics 74 (1), 55-70 (2001)
MEDLINE 21269192
PubMed 11374902
REFERENCE 2 (bases 1 to 19)
AUTHORS Horii,A.
TITLE Direct Submission
JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
FEATURES
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1..19 /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
misc_feature
1..19 /note='reverse primer for human STS sts-WI-21934 at 1p36
sts-WI-21934 obtained from clones B192L5, B359B13, Human
BAC library RPCI-11'

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 478 CACCTGGGAACATCCC 493
|||||
1 CACCTGAGAACATCCC 16

RESULT 963
AB069002 19 bp DNA linear SYN 21-MAY-2003
LOCUS AB069002
DEFINITION Synthetic construct DNA, forward primer for human STS sts-R192L5R
at 1p36.
ACCESSION AB069002
VERSION AB069002.1 GI:15129806
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,
Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
and Soeda,E.
TITLE A BAC-based STS-content map spanning a 35-Mb region of human
chromosome 1p35-p36
JOURNAL Genomics 74 (1), 55-70 (2001)
MEDLINE 21269192
PubMed 11374902
REFERENCE 2 (bases 1 to 19)
AUTHORS Horii,A.
TITLE Direct Submission
JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
FEATURES
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1..19 /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
misc_feature
1..19 /note='reverse primer for human STS sts-R192L5R at 1p36
sts-R192L5R obtained from clones B192L5, B359B13, Human
BAC library RPCI-11'

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Db 4 CCATGTTGTCAGGCT 19

RESULT 964
LOCUS BOVINE01 20 bp DNA linear MAM 06-FEB-1999
DEFINITION Bovine DNA for microsatellite marker, 3' terminus.
ACCESSION D83281
VERSION D83281.1 GI:1199698
KEYWORDS PCR primer.
SOURCE Bos taurus (cow)
ORGANISM Bos taurus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovidae; Bovinae; Bos.

REFERENCE
AUTHORS Hirano,T., Nakane,S., Mizoshita,K., Yamakuchi,H., Inoue-Murayama,M., Watanabe,T., Barendse,W. and Sugimoto,Y.
TITLE Characterization of 42 highly polymorphic bovine microsatellite markers
JOURNAL Anim.Genet. 27 (5), 365-368 (1996)
MEDLINE 97083737
PUBMED 8930081

REFERENCE
AUTHORS Hirano,T., Nakane,S., Mizoshita,K., Inoue-Murayama,M., Watanabe,T., Barendse,W. and Sugimoto,Y.
TITLE Characterization of 42 bovine microsatellite markers
JOURNAL Unpublished
AUTHORS 3 (bases 1 to 20)
Sugimoto,Y.
TITLE Submitted (29-JAN-1996) Yoshikazu Sugimoto, Japan Live Stock Technology Association, Shirokawa Institute of Animal Genetics; Nishigo Odakura, Nishishitakawa, Fukushima 961, Japan (E-mail:LD103222@liftyserve.or.jp, Tel:0248-25-5641, Fax:0248-25-5725)
FEATURES
source location/Qualifiers
1..20
/organism="Bos taurus"
/mol_type="genomic DNA"
/db_xref="taxon:9913"
misc_feature <1..20
/note="microsatellite DIK03 PCR sense primer"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4434 CTTGGTGAACGAGA 4449
Db 20 CTTGTTGAACGAGA 5

RESULT 965
LOCUS BOVINE31 20 bp DNA linear MAM 06-FEB-1999
DEFINITION Bovine DNA for microsatellite marker, 3' terminus.
ACCESSION D83311
VERSION D83311.1 GI:1199728
KEYWORDS PCR primer.
SOURCE Bos taurus (cow)
ORGANISM Bos taurus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovidae; Bovinae; Bos.

REFERENCE
AUTHORS Hirano,T., Nakane,S., Mizoshita,K., Yamakuchi,H., Inoue-Murayama,M., Watanabe,T., Barendse,W. and Sugimoto,Y.
TITLE Characterization of 42 highly polymorphic bovine microsatellite markers
JOURNAL Anim.Genet. 27 (5), 365-368 (1996)
MEDLINE 97083737
PUBMED 8930081

REFERENCE
AUTHORS Hirano,T., Nakane,S., Mizoshita,K., Inoue-Murayama,M., Watanabe,T., Barendse,W. and Sugimoto,Y.
TITLE Characterization of 42 bovine microsatellite markers
JOURNAL Unpublished
AUTHORS 3 (bases 1 to 20)
Sugimoto,Y.
TITLE Submitted (29-JAN-1996) Yoshikazu Sugimoto, Japan Live Stock Technology Association, Shirokawa Institute of Animal Genetics; Nishigo Odakura, Nishishitakawa, Fukushima 961, Japan (E-mail:LD103222@liftyserve.or.jp, Tel:0248-25-5641, Fax:0248-25-5725)
FEATURES
source location/Qualifiers
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/organism="Bos taurus"
/mol_type="genomic DNA"
/db_xref="taxon:9913"
misc_feature <1..20
/note="microsatellite DIK03 PCR sense primer"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4434 CTTGGTGAACGAGA 4449
Db 20 CTTGTTGAACGAGA 5

RESULT 966
LOCUS AR103793 20 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 317 from patent US 6087485.
ACCESSION AR103793
VERSION AR103793.1 GI:12815381
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 20)
Brooks-Wilson,A.R., Buckler,A., Cardon,L., Carey,A.H., Galvin,M., Miller,A. and North,M.
TITLE Asthma related genes
JOURNAL Patent: US 6087485-A 317 11-JUL-2000;
FEATURES
source location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2184 CTTGCCAGGCTTC 2199
Db 1 CTTGCCAGGCTTC 16

RESULT 967
LOCUS AR150318 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 394 from patent US 6228642.
ACCESSION AR150318
VERSION AR150318.1 GI:15114909
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 20)
Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.
TITLE Antisense oligonucleotide modulation of tumor necrosis factor-(.alpha.) (TNF-.alpha.) expression

JOURNAL Patent: US 6228642-A 394 08-MAY-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3261 CCTGCGCTCTGTCCT 3276
Db 19 CCTGCGCTCTGTCCT 4

RESULT 968
AR158929/c 20 bp DNA linear PAT 17-OCT-2001
LOCUS Sequence 551 from patent US 6251588.
DEFINITION AR158929
ACCESSION AR158929
VERSION AR158929.1 GI:16221337
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Shannon,K.W., Wolber,P.K., Delenstarr,G.C., Webb,P.G. and Kincaid,R.H.

TITLE Method for evaluating oligonucleotide probe sequences

JOURNAL Patent: US 6251588-A 551 26-JUN-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5403 AAAAAAGAAAAATGA 5418
Db 20 AAAAAAGAAAAATCA 5

RESULT 969
AR158930/c 20 bp DNA linear PAT 17-OCT-2001
LOCUS Sequence 552 from patent US 6251588.
DEFINITION AR158930
ACCESSION AR158930
VERSION AR158930.1 GI:16221339
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Shannon,K.W., Wolber,P.K., Delenstarr,G.C., Webb,P.G. and Kincaid,R.H.

TITLE Method for evaluating oligonucleotide probe sequences

JOURNAL Patent: US 6251588-A 552 26-JUN-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5403 AAAAAAGAAAAATGA 5418
Db 19 AAAAAAGAAAAATCA 4

RESULT 970
AR158931/c 20 bp DNA linear PAT 17-OCT-2001
LOCUS Sequence 553 from patent US 6251588.
DEFINITION AR158931
ACCESSION AR158931
VERSION AR158931.1 GI:16221341
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Shannon,K.W., Wolber,P.K., Delenstarr,G.C., Webb,P.G. and Kincaid,R.H.

TITLE Method for evaluating oligonucleotide probe sequences

JOURNAL Patent: US 6251588-A 553 26-JUN-2001;
FEATURES Location/Qualifiers
source 1..20
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/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5403 AAAAAAGAAAAATGA 5418
Db 18 AAAAAAGAAAAATCA 3

RESULT 971
AR158932/c 20 bp DNA linear PAT 17-OCT-2001
LOCUS Sequence 554 from patent US 6251588.
DEFINITION AR158932
ACCESSION AR158932
VERSION AR158932.1 GI:16221343
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Shannon,K.W., Wolber,P.K., Delenstarr,G.C., Webb,P.G. and Kincaid,R.H.

TITLE Method for evaluating oligonucleotide probe sequences

JOURNAL Patent: US 6251588-A 554 26-JUN-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5403 AAAAAAGAAAAATGA 5418
Db 17 AAAAAAGAAAAATCA 2

RESULT 972
AR158933/c 20 bp DNA linear PAT 17-OCT-2001
LOCUS Sequence 555 from patent US 6251588.
DEFINITION AR158933
ACCESSION AR158933
VERSION AR158933.1 GI:16221345
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Shannon,K.W., Wolber,P.K., Delenstarr,G.C., Webb,P.G. and Kincaid,R.H.

TITLE Method for evaluating oligonucleotide probe sequences

JOURNAL Patent: US 6251588-A 555 26-JUN-2001;

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FEATURES
source      Location/Qualifiers
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Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5403 AAAAAAAAAAATGA 5418
      |||||
      16 AAAAAAAAAAATCA 1

RESULT 973
BD176297      20 bp      DNA      linear      PAT 18-MAR-2003
DEFINITION    A method of arraying genome clone.
ACCESSION     BD176297
VERSION       BD176297.1 GI:29122003
KEYWORDS      MO 02072815-A/97.
SOURCE        synthetic construct
ORGANISM      artificial sequences.
REFERENCE     1 (bases 1 to 20)
AUTHORS       Soeda, E.
TITLE         Patent: WO 02072815-A 97 19-SEP-2002;
JOURNAL       EIICHI SOEDA, TAKESHI KUKITA
              OS Artificial Sequence
              PN MO 02072815-A/97
              PD 19-SEP-2002
              PR 17-MAY-2001 WO 2001JP004139
              PI 12-MAR-2001 JP 01P 68285
              CC Description of Artificial Sequence: Synthetic DNA FH Key
              Location/Qualifiers
              FT source 1..20
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FEATURES
source      Location/Qualifiers
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Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2562 TGAAGGGGAGAGAGAG 2577
      |||||
      5 TGAAGGGGAGAGAGAG 20

Db

RESULT 974
BD196364      20 bp      DNA      linear      PAT 17-JUL-2003
DEFINITION    Method for typing of minor histocompatibility antigen HA-1.
ACCESSION     BD196364
VERSION       BD196364.1 GI:33006134
KEYWORDS      JP 2002510978-A/2.
SOURCE        synthetic construct
ORGANISM      artificial sequences.
REFERENCE     1 (bases 1 to 20)
AUTHORS       Goulmy, E.
TITLE         Method for typing of minor histocompatibility antigen HA-1
JOURNAL       PATENT: JP 2002510978-A 2 09-APR-2002;
              RIJCKS UNIVERSITEIT LEIDEN
              OS Artificial Sequence
              PN JP 2002510978-A/2
              PD 09-APR-2002

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PF 23-JUL-1998 JP 1999509368
PR 23-JUL-1997 EP 97202303.0, 02-JUN-1998 EP 98870125.6 PI
EIS GOULMY
PC C12Q1/68, C12N15/12, G01N33/53
CC Description of Artificial Sequence: PCR primer FH Key
Location/Qualifiers
FT source 1..20
FT      /organism='Artificial Sequence'.

FEATURES
source      Location/Qualifiers
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            /mol_type="genomic DNA"
            /db_xref="taxon:32630"

Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3029 GCTGCTCTCTGAGAC 3044
      |||||
      3 GCTGCTCTCTGACAC 18

Db

RESULT 975
BD228191      20 bp      DNA      linear      PAT 17-JUL-2003
LOCUS         BD228191/c
DEFINITION    Antisense oligonucleotide regulation of expression of tumor
              necrosis factor-alpha (TNF-alpha).
ACCESSION     BD228191
VERSION       BD228191.1 GI:33037961
KEYWORDS      JP 2002526125-A/394.
SOURCE        synthetic construct
ORGANISM      artificial sequences.
REFERENCE     1 (bases 1 to 20)
AUTHORS       Baker, B.F., Bennett, P.C., Butler, M.M. and Jr, W.J.S.
TITLE         Antisense oligonucleotide regulation of expression of tumor
              necrosis factor-alpha (TNF-alpha)
              Patent: JP 2002526125-A 394 20-AUG-2002;
              ISIS PHARMACEUTICALS INC
              OS Artificial Sequence
              PN JP 2002526125-A/394
              PD 20-AUG-2002
              PR 05-OCT-1999 JP 2000574737
              PR 05-OCT-1998 US 09/166186 18-MAY-1999 US 09/313932 PI
              BRENDAN F BAKER, FRANK C BENNETT, MADELINE M BUTLER, WILLIAM J PI
              SHANAHAN JR
              PC C12N15/09, A61K31/7115, A61K31/712, A61K31/7125, A61K48/00, A61P1/
              PC 00, A61P1/16,
              PC A61P1/18, A61P3/10, A61P17/00, A61P17/04, A61P29/00, A61P31/00, PC
              C07H21/02,
              PC C07H21/04, C12N15/00
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FEATURES
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Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3261 CCTGGCCTCTGCTT 3276
      |||||
      19 CCTGGCCTCTGCTT 4

Db

RESULT 976
BD230280/c

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LOCUS BD230280 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Total genome radiation hybrid map of canine genome and its use for
identification of interesting genes.
ACCESSION BD230280
VERSION BD230280.1 GI:33040050
KEYWORDS JP 2002530091-A/149.
SOURCE Canis familiaris (dog)
ORGANISM Canis familiaris
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euteria; Carnivora; Fissipedia; Canidae; Canis.
1 (bases 1 to 20)
REFERENCE Galibert,F. and Andre,C.
AUTHORS Total genome radiation hybrid map of canine genome and its use for
TITLE Identification of interesting genes
JOURNAL Patent: JP 2002530091-A 149 17-SEP-2002;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
COMMENT OS Canis familiaris (dog)
PN JP 2002530091-A/149
PD 17-SEP-2002
PF 15-NOV-1999 JP 2000582596
PI 13-NOV-1998 US 60/108193
PC C12N15/09, C12Q1/68, C12N15/00
CC A0102
FH Key Location/Qualifiers
FT source 1..20
/organism='Canis familiaris'
/mol_type='genomic DNA'
/db_xref='taxon:9615'

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2640 CCTGCAGCTGCTGCTG 2655
Db 16 CCTGCAGCTGCTGCTG 1

RESULT 977
BD251310 20 bp DNA linear PAT 17-JUL-2003
LOCUS Methods and compositions for diagnosing carcinomas.
DEFINITION BD251310
ACCESSION BD251310.1 GI:33061080
KEYWORDS JP 2002538434-A/5.
SOURCE synthetic construct
ORGANISM artificial sequences.
1 (bases 1 to 20)
REFERENCE Scholler,N.B., Hellstrom,I. and Hellstrom,K.E.
AUTHORS Methods and compositions for diagnosing carcinomas
TITLE Patent: JP 2002538434-A 5 12-NOV-2002;
JOURNAL PACIFIC NORTHWEST RESEARCH INSTITUTE
COMMENT OS Artificial Sequence
PN JP 2002538434-A/5
PD 12-NOV-2002
PF 25-FEB-2000 JP 2000601444
PI 26-FEB-1999 US 60/121767, 05-AUG-1999 US 60/147404
PC NATALIE B SCHOLLER, INGEGARD HELLSTROM, KARL ERIK HELLSTROM
G01N33/574, C07K14/82, C07K16/32, C07K16/46, C07K19/00, C12N1/15, PC
C12N1/19,
PC C12N1/21, C12N5/10, C12N15/09, C12P21/02, C12Q1/68, G01N33/15, PC
G01N33/50,
PC G01N33/53, G01N33/577//C12P21/08, C12N15/00, C12N5/00 CC PCR
primer
FH Key Location/Qualifiers
FT source 1..20
/organism='Artificial Sequence'.
Location/Qualifiers

FEATURES

source 1..20
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3755 ACTTCTGGGACCCAC 3770
Db 5 ACTTCTGGGACCCAC 20

RESULT 978
CQ754279 20 bp DNA linear PAT 01-MAR-2004
LOCUS Sequence 17 from Patent WO2004001069.
DEFINITION CQ754279
ACCESSION CQ754279
VERSION CQ754279.1 GI:44845535
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
1
REFERENCE Dupuis,L., di Scala,F., de Tapia,M., Larmet,Y., Loeffler,J.P.,
AUTHORS gonales de Aguilar,J.L., Bouillier,A.L., Galdon,C. and Rene,F.
TITLE Compositions and methods for detecting pathologies affecting
JOURNAL neuromuscular transmission
Patent: WO 2004001069-A 17 31-DEC-2003;
Universite Louis Pasteur de Strasbourg (FR)
Location/Qualifiers
source 1..20
/organism='synthetic construct'
/mol_type='unassigned DNA'
/db_xref='taxon:32630'
/note='Primer'

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4664 AGATCGGAGCTGTT 4679
Db 4 AGATCGGAGCTGAT 19

RESULT 979
CQ757509 20 bp DNA linear PAT 01-MAR-2004
LOCUS Sequence 20 from Patent WO2003107249.
DEFINITION CQ757509
ACCESSION CQ757509
VERSION CQ757509.1 GI:44847547
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
1
REFERENCE Kotani,H. and Mizunari,S.
AUTHORS Method for predicting a drug transport capability by abcg2
TITLE polymorphisms
JOURNAL Patent: WO 2003107249-A 20 24-DEC-2003;
BANYU PHARMACEUTICAL CO., LTD. (JP)
BANYU PHARMACEUTICAL CO., LTD. (JP)
Location/Qualifiers
source 1..20
/organism='synthetic construct'
/mol_type='unassigned DNA'
/db_xref='taxon:32630'
/note='Bxon 9 reverse primer'

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4851 TGAGCTGACCTCTTT 4866
DB 2 TGAGCTGACCTCTTT 17

RESULT 980
LOCUS CQ797897/c 20 bp DNA PAT 20-APR-2004
DEFINITION Sequence 3 from Patent WO2004029228.
ACCESSION CQ797897
VERSION CQ797897.1 GI:46426393
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Hoshino,T., Ichikawa,K.M. and Nagahashi,Y.G.
TITLE Microorganism and process for preparing vitamin b6
JOURNAL Patent: WO 2004029228-A 3 08-APR-2004;
DSM IP Assets B.V. (NL); Hoshino, Tatsuo (JP)
FEATURES
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer C"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4449 AGATCTCAGCTGCA 4464
DB 18 AGATCTCAGCTGCA 3

RESULT 981
LOCUS CQ798002/c 20 bp DNA PAT 20-APR-2004
DEFINITION Sequence 1 from Patent WO2004029271.
ACCESSION CQ798002
VERSION CQ798002.1 GI:46426475
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Hoshino,T., Ichikawa,K.M. and Tazoe,M.5.
TITLE Recombinant microorganism for the production of vitamin b6
JOURNAL Patent: WO 2004029271-A 1 08-APR-2004;
DSM IP Assets B.V. (NL)
FEATURES
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1. .20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer 1 for amplifying the epd gene"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4449 AGATCTCAGCTGCA 4464
DB 18 AGATCTCAGCTGCA 3

RESULT 982
E38339/c 20 bp DNA PAT 31-JAN-2002
LOCUS E38339
DEFINITION Process for producing L-methionine by fermentation.
ACCESSION E38339

VERSION E38339.1 GI:18624951
KEYWORDS JP 2000139471-A/12.
SOURCE synthetic construct
ORGANISM
REFERENCE
1 (bases 1 to 20)
AUTHORS Umeta,Y. and Kurahashi,O.
TITLE Process for producing L-methionine by fermentation
JOURNAL Patent: JP 2000139471-A 12 23-MAY-2000;
AJINOMOTO CO INC
COMMENT
OS Artificial Sequence
PN JP 2000139471-A/12
PD 23-MAY-2000
PR 17-NOV-1998 JP 1998326717
PI YOSHIMIRO USUITA,OSAMU KURAHASHI
PC C12N15/09,C12N1/21,C12N9/04,C12N9/10,C12N9/12,C12N9/88, PC
C12P13/12//
PC (C12N15/09,C12R1:19),(C12N1/21,C12R1:19),(C12P13/12,C12R1:19),
PC C12N15/00,
PC (C12N15/00,C12R1:19)
CC
FH Key
FT source
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2255 GCATCTGCGCAAAAAA 2270
DB 20 GCATCTGCGCAAAAAA 5

RESULT 983
E40738/c 20 bp DNA PAT 31-JAN-2002
LOCUS E40738
DEFINITION Antihuman Fas humanised antibody-containing antirheumatic.
ACCESSION E40738
VERSION E40738.1 GI:18627327
KEYWORDS JP 2000154149-A/109.
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 20)
AUTHORS Serizawa,N., Haruyama,H., Takahashi,W., Nakahara,K. and Yonehara,S.
TITLE Antihuman Fas humanised antibody-containing antirheumatic
JOURNAL Patent: JP 2000154149-A 109 06-JUN-2000;
SANKYO CO LTD
COMMENT
OS Artificial Sequence
PN JP 2000154149-A/109
PD 06-JUN-2000
PR 17-SEP-1999 JP 1999263984
PI NOBUKI SERIZAWA,HIDEYUKI HARUYAMA,WATARU TAKAHASHI, PI KAORI
NAKAHARA,
PI SHIN YONEHARA
PC A61K39/395,A61P29/00,C12N15/09//C07K16/28,C12P21/02,C12N15/00
CC
FH Key
FT source
FT Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3301 CTAGACCTGCAGCAGA 3316
DB 16 CTAGACCTGCAGCAGA 1

RESULT 984
LOCUS 157089 20 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 3 from patent US 5650559.
ACCESSION 157089
VERSION 157089.1 GI:2477524
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Akamatsu,T., Kagami,T., Sato,H. and Shiga,T.
TITLE Male sterile plant species
JOURNAL Patent: US 5650559-A 3 22-JUL-1997;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4465 ACTACTCTGATCCCTC 4480
DB 4 ACTACTCTGATCCCTC 19

RESULT 985
LOCUS AR220998 20 bp DNA linear PAT 26-SEP-2002
DEFINITION Sequence 51 from patent US 6426188.
ACCESSION AR220998
VERSION AR220998.1 GI:23327883
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wyatt,J.
TITLE Antisense modulation of phosphorylase kinase alpha 1 expression
JOURNAL Patent: US 6426188-A 51 30-JUL-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4640 TGGCTGAGAACGAG 4655
DB 1 TGGCTGAGAACGAG 16

RESULT 986
LOCUS AR224582 20 bp DNA linear PAT 26-SEP-2002
DEFINITION Sequence 41 from patent US 6440738.
ACCESSION AR224582
VERSION AR224582.1 GI:23333422
KEYWORDS

SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wyatt,J.
TITLE Antisense modulation of casein kinase 2-beta expression
JOURNAL Patent: US 6440738-A 41 27-AUG-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4873 CAGTTCTTCTCTGC 4888
DB 18 CAGTTCTTCTCTAC 3

RESULT 987
LOCUS AR225902 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 52 from patent US 6444464.
ACCESSION AR225902
VERSION AR225902.1 GI:27264056
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wyatt,J.
TITLE Antisense modulation of E2F transcription factor 2 expression
JOURNAL Patent: US 6444464-A 52 03-SEP-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 576 GGAGAGCTGAGAG 591
DB 16 GGAGAGCTGAGAG 1

RESULT 988
LOCUS AR225904 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 54 from patent US 6444464.
ACCESSION AR225904
VERSION AR225904.1 GI:27264058
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wyatt,J.
TITLE Antisense modulation of E2F transcription factor 2 expression
JOURNAL Patent: US 6444464-A 54 03-SEP-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 578 AGGAGCTGAGAGTT 593

Db 19 AGGAGCTGAAGAGCT 4

RESULT 989
LOCUS AR230867 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 127 from patent US 6451602.
ACCESSION AR230867
VERSION AR230867.1 GI:27271654
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS Popoff, I. and Cowseert, L.M.
TITLE Antisense modulation of PARP expression
JOURNAL Patent: US 6451602-A 127 17-SEP-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3630 GATCTTCCCAATTGCT 3645
Db 5 GATCTTCCCAATTGCT 20

RESULT 990
LOCUS AR232329 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 24 from patent US 6455308.
ACCESSION AR232329
VERSION AR232329.1 GI:27274321
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS Freiler, S.M.
TITLE Antisense modulation of serum amyloid A4 expression
JOURNAL Patent: US 6455308-A 24 24-SEP-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4030 GTGGCTCTCCAGGGG 4045
Db 16 GAGGCTCTCCAGGGG 1

RESULT 991
LOCUS AR237828 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 4 from patent US 6465714.
ACCESSION AR237828
VERSION AR237828.1 GI:27282650
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS Luthman, L.H. and Gall, L.G.J.
TITLE Congenic animal models of non-insulin dependent diabetes mellitus

JOURNAL Patent: US 6465714-A 4 15-OCT-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3214 CGACTGCAGCTGCTCA 3229
Db 17 CGACTGTAGCTGTCTCA 2

RESULT 992
LOCUS AR255990 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 49 from patent US 6482644.
ACCESSION AR255990
VERSION AR255990.1 GI:27305249
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS Cowseert, L.M.
TITLE Antisense modulation of dual specific phosphatase 8 expression
JOURNAL Patent: US 6482644-A 49 19-NOV-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 674 TGAAGGTGGCTCGTA 689
Db 4 TGAAGGTGGCTCGTA 19

RESULT 993
LOCUS AR272177 20 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 247 from patent US 6503756.
ACCESSION AR272177
VERSION AR272177.1 GI:29703745
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS Freiler, S.M. and Warr, J.
TITLE Antisense modulation of syntaxin 4 interacting protein expression
JOURNAL Patent: US 6503756-A 247 07-JAN-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2079 GCCCTGGGTCTCTGG 2094
Db 3 GCCCTGGGTCTCTGG 18

RESULT 994
LOCUS AR295874/c

LOCUS AR295874 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 7609 from patent US 6537751.
ACCESSION AR295874
VERSION AR295874.1 GI:31683158
KEYWORDS
SOURCE unknown.
ORGANISM unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 7609 25-MAR-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 96 TCCGACCCGACCTCTT 111
Db 16 TCCGACCCGACCTCTT 1

RESULT 995
AR315475 20 bp DNA linear PAT 12-JUN-2003
LOCUS AR315475
DEFINITION Sequence 6012 from patent US 6559294.
ACCESSION AR315475
VERSION AR315475.1 GI:31708901
KEYWORDS
SOURCE unknown.
ORGANISM unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
Griffith,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 6012 06-MAY-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3712 TCTCAAGGGGACCTGC 3727
Db 1 TCTCAAGGGGACCTGC 16

RESULT 996
AR492683 20 bp DNA linear PAT 15-MAY-2004
LOCUS AR492683
DEFINITION Sequence 53 from patent US 6716975.
ACCESSION AR492683
VERSION AR492683.1 GI:47262197
KEYWORDS
SOURCE unknown.
ORGANISM unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
Wyatt,J.
TITLE Antisense modulation of EDG1 expression
JOURNAL Patent: US 6716975-A 53 06-APR-2004;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"

/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4114 GCCAGGGTGCAGCTGC 4129
Db 19 GCCAGGGTGCAGCTGC 4

RESULT 997
AX000370 20 bp DNA linear PAT 10-MAR-2000
LOCUS AX000370
DEFINITION Sequence 2 from Patent WO905313.
ACCESSION AX000370
VERSION AX000370.1 GI:7240783
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
Goulmy,E.
TITLE METHOD FOR TYPING OF MINOR HISTOCOMPATIBILITY ANTIGEN HA-1
JOURNAL Patent: WO 9005313-A 2 04-FEB-1999;
UNIV LEIDEN (NL); GOULMY ELS (NL)
FEATURES Location/Qualifiers
source 1..20
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3029 GCTGCTCTCTGAGAC 3044
Db 3 GCTGCTCTCTGAGAC 18

RESULT 998
AX155565 20 bp DNA linear PAT 22-JUN-2001
LOCUS AX155565
DEFINITION Sequence 14 from Patent WO0140309.
ACCESSION AX155565
VERSION AX155565.1 GI:14536784
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE Unclassified.
AUTHORS 1
Devaux,B., Keller,G.A., Koepfen,H. and Lasky,L.A.
TITLE Anti-prostate stem cell antigen (psca) antibody compositions and
methods of use
JOURNAL Patent: WO 0140309-A 14 07-JUN-2001;
Genentech, Inc. (US)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Sequence is a primer"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2834 AGGCGAGCAGCAGCAG 2849
Db 20 AGGCGAGCAGCAGCAG 5

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RESULT 999
LOCUS AX294602/c 20 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 6364 from Patent WO0179548.
ACCESSION AX294602
VERSION AX294602.1 GI:17056285
KEYWORDS
SOURCE
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS Barany,F., Zivvi,M., Gerry,N.P., Pavls,R. and Kliman,R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL sequence differences using ligase detection reaction
PATENT: WO 0179548-A 6364-25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
FEATURES
source
Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5113 CCATCCAGCGCGCAAG 5128
DB 17 CCATCTAGGCGCAAG 2

RESULT 1000
LOCUS AX298492 20 bp DNA linear PAT 26-NOV-2001
DEFINITION Sequence 126 from Patent WO0183749.
ACCESSION AX298492
VERSION AX298492.1 GI:17128482
KEYWORDS
SOURCE Mus sp.
ORGANISM Mus sp.
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
TITLE Bachmanov,A.A., Beauchamp,G.K., Chatterjee,A., de Jong,P.J., Li,S.,
L1,X., Ohmen,J.D., Reed,D.R., Ross,D. and Tordoff,M.G.
JOURNAL Gene and sequence variation associated with sensing carbohydrate
compounds and other sweeteners
PATENT: WO 0183749-A 126 08-NOV-2001;
WARNER-LAMBERT COMPANY (US) ; The Monell Chemical Senses Center
(US)
FEATURES
source
Location/Qualifiers
1..20
/organism="Mus sp."
/mol_type="unassigned DNA"
/db_xref="taxon:10095"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2253 GGGCATCTGGCAAAA 2268
DB 1 GGGCATCTGGCAAGA 16

RESULT 1001
LOCUS AX326957/c 20 bp DNA linear PAT 07-JAN-2002
DEFINITION Sequence 153 from Patent WO0178894.
ACCESSION AX326957
VERSION AX326957.1 GI:18097668
KEYWORDS

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SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS Keith,T.
TITLE Novel human gene relating to respiratory diseases, obesity, and
JOURNAL inflammatory bowel disease
PATENT: WO 0178894-A 153 25-OCT-2001;
Genome Therapeutics Corp. (US)
FEATURES
source
Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1388 CCAGAGCCAGAGTCC 1403
DB 18 CCAGATCCAGAGTCC 3

RESULT 1002
LOCUS AX394069/c 20 bp DNA linear PAT 23-MAR-2002
DEFINITION Sequence 44 from Patent WO0214366.
ACCESSION AX394069
VERSION AX394069.1 GI:19702019
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS Groot,P.C., van Bergenhenegouwen,B.J. and van Oosterhout,A.J.
TITLE Genes involved in immune related responses observed with asthma
JOURNAL Patent: WO 0214366-A 44 21-FEB-2002;
Universiteit Utrecht (NL)
FEATURES
source
Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="anti-sense primer Ocs2-G2"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4152 CAGCTTCTCCCTTG 4167
DB 17 CTGCTTCTCCCTTG 2

RESULT 1003
LOCUS AX404000/c 20 bp DNA linear PAT 02-SEP-2002
DEFINITION Sequence 14 from Patent EP1195433.
ACCESSION AX404000
VERSION AX404000.1 GI:21437342
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS Sone,N.
TITLE Respiratory chain enzyme genes of coryneform bacteria
JOURNAL Patent: EP 1195433-A 14 10-APR-2002;
Ajinomoto Co., Inc. (JP)
FEATURES
source
Location/Qualifiers
1..20

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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer for PCR"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 68.4%; Pred. No. 7e+02;
Matches 13; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 4245 CCATCCTGAGAGATCACC 4263
|||||:|:|:|:|:|:|
Db 19 CCATCGVARGAARTCC 1

RESULT 1004

AX488099 20 bp DNA linear PAT 16-AUG-2002
LOCUS Sequence 5399 from Patent WO02053728.
DEFINITION AX488099
ACCESSION AX488099
VERSION AX488099.1 GI:22322179
KEYWORDS
SOURCE
ORGANISM Candida albicans
Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; mitosporic Saccharomycetales; Candida.

REFERENCE 1
AUTHORS Roemer,T., Jiang,B., Boone,C., Bussey,H. and Ohlsen,K.L.
TITLE Gene disruption methodologies for drug target discovery
JOURNAL Patent: WO 02053728-A 5399 11-JUL-2002;
Elcitra Pharmaceuticals, Inc. (US)

FEATURES
source 1..20
/organism="Candida albicans"
/mol_type="unassigned DNA"
/db_xref="taxon:5476"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5177 TGAGCCCCAAATGG 5192
|||||
Db 1 TGTCGCCCAAAATGG 16

RESULT 1005
AX556410/c 20 bp DNA linear PAT 30-NOV-2002
LOCUS Sequence 45 from Patent WO02074992.
DEFINITION AX556410
ACCESSION AX556410
VERSION AX556410.1 GI:25899668
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)

REFERENCE 1
AUTHORS Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
TITLE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
JOURNAL Grexardotfir,S., Jonsdotfir,S. and Reymisdotfir,S.T.
Patent: WO 02074992-A 45 26-SEP-2002;
Decode Genetics EHF. (IS)

FEATURES
source 1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4721 TCTACGAGCCTGAA 4736
|||||

Db 19 TCTACCGAGCCTGAA 4

RESULT 1006
AX611060 20 bp DNA linear PAT 17-FEB-2003
LOCUS Sequence 2085 from Patent WO02072882.
DEFINITION AX611060
ACCESSION AX611060
VERSION AX611060.1 GI:28406489
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)

REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
JOURNAL Cullen,P. and Seedorf,U.
Patent: WO 02072882-A 2085 19-SEP-2002;
OGHAM GmbH (DE)

FEATURES
source 1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3305 ACCTGACGACGACAA 3320
|||||
Db 5 ACCTGACGACGACAA 20

RESULT 1007
AX665193 20 bp DNA linear PAT 26-MAR-2003
LOCUS Sequence 30 from Patent EP1275716.
DEFINITION AX665193
ACCESSION AX665193
VERSION AX665193.1 GI:29290317
KEYWORDS
SOURCE
ORGANISM synthetic construct
synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Okuda,T., Saito,S., Dorsey,K.M. and Tsuzaki,Y.
TITLE Modified dna molecule, recombinant containing the same thing, and
JOURNAL uses thereof
Patent: EP 1275716-A 30 15-JAN-2003;
Zeon Corporation (JP)

FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer M11-3"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5008 TAACGACATTCAGG 5023
|||||
Db 5 TAACGACGACTCAGG 20

RESULT 1008
AX674975 20 bp DNA linear PAT 27-MAR-2003
LOCUS Sequence 102 from Patent WO0305034.
DEFINITION AX674975
ACCESSION AX674975
VERSION AX674975.1 GI:29333308
KEYWORDS

SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Macdonald,M.L., Zeisler,J.M., Samuels,M., Goldberg,Y.P., Robatillie,J.M. and Hayden,M.R.
TITLE Processes for identifying therapeutic agents useful in treating diseases involving frd4 gene
JOURNAL Patent: WO 03005034-A 102 16-JAN-2003;
Xenon Genetics, Inc. (CA) ; The University of British Columbia (CA)
FEATURES
source 1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 146 TCCAGAGACCAGAGA 161
Db 2 TCCAGAGACCAGAGA 17

RESULT 1009
AX708795/c 20 bp DNA linear PAT 04-APR-2003
LOCUS AX708795
DEFINITION Sequence 11 from Patent WO02095071.
ACCESSION AX708795
VERSION AX708795.1 GI:29564522
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Plasterk,R.H.
TITLE Means and methods for identifying genes and proteins involved in the prevention and/or repair of a replication error
JOURNAL Patent: WO 02095071-A 11 28-NOV-2002;
Koninklijke Nederlandse Akademie van Wetenschappen (NL)
FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer Y54G11A_A"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1388 CCAGAGCCAGATCC 1403
Db 16 CCAGAGCCAGATCC 1

RESULT 1010
AX708882 20 bp DNA linear PAT 04-APR-2003
LOCUS AX708882
DEFINITION Sequence 64 from Patent WO02101045.
ACCESSION AX708882
VERSION AX708882.1 GI:29564612
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Patapoutian,A., Song,C., Ganju,P., Peler,A., McIntyre,P. and Bevan,S.
TITLE Vanilloid receptor-related nucleic acids and polypeptides
JOURNAL Patent: WO 02101045-A 64 19-DEC-2002;

FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide primer"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4762 GAACCTGGAGAGAGC 4777
Db 16 GAACCTGGAGAGAGC 1

RESULT 1011
AX750484 20 bp DNA linear PAT 20-JUN-2003
LOCUS AX750484
DEFINITION Sequence 4009 from Patent EP1308459.
ACCESSION AX750484
VERSION AX750484.1 GI:32132902
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Isogai,T., Sugiyama,T., Otsuki,T., Wakamatsu,A., Sato,H., Ishii,S., Yamamoto,J.I., Isono,Y., Hito,Y., Otsuka,K., Nagai,K., Irie,R., Tamechika,I., Seki,N., Yoshikawa,T., Otsuka,M., Nagahari,K. and Masubo,Y.
TITLE Full-length cDNA sequences
JOURNAL Patent: EP 1308459-A 4009 07-MAY-2003;
Helix Research Institute (JP) ; Research Association for Biotechnology (JP)
FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="an artificially synthesized primer sequence"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2217 ACCCGAGCTCAGAGAC 2232
Db 18 ACCCGAGCTCAGATAC 3

RESULT 1012
AX798039 20 bp DNA linear PAT 08-OCT-2003
LOCUS AX798039
DEFINITION Sequence 2 from Patent WO03054230.
ACCESSION AX798039
VERSION AX798039.1 GI:37604329
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
TITLE Detection of disease due to abnormal oestrogen levels
JOURNAL Patent: WO 03054230-A 2 03-JUL-2003;
KING'S COLLEGE LONDON (GB)
FEATURES
source 1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 174 AGGAACACGAGAACACT 189
DB 1 AGTAACACGAGAACACT 16
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RESULT 1013
BD012400/c 20 bp DNA linear PAT 02-AUG-2002

LOCUS BD012400
DEFINITION Human genes specifically expressed in fetal cardiac muscle.
ACCESSION BD012400
VERSION BD012400.1 GI:22092589
KEYWORDS WO 0109319-A/15.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Ota,T., Isegaki,T., Nishikawa,T., Hayaashi,K., Saito,K., Yamamoto,J., Iehi,S., Sugiyama,T., Makamatsu,A., Nagai,K., Otsuki,T., Yamada,Y., Sakurada,K. and Obayashi,M.
Human genes specifically expressed in fetal cardiac muscle
Patent: WO 0109319-A 15 08-FEB-2001;
HELIX RESEARCH INSTITUTE,TOSHIO OTA,TAKAO ISOGAI,TETSUO NISHIKAWA,KOJI HAYASHI,KOORU SAITO,JUNICHI YAMAMOTO,SHIZUO ISHII, OMOYASU SUGIYAMA, AI WAKAMATSU KEIICHI NAGAI,TETSUJI OTSUKI,YOJI YAMADA,AZUHIRO SAKURADA, MASAYA OBAVASHI
COMMENT OS Artificial Sequence
PN WO 0109319-A/15
PD 08-FEB-2001
PF 28-JUL-2000 WO 2000JP005065
PR 29-JUL-1999 JP 99P 248036.11-JAN-2000 JP 00P 118776 PR 18-OCT-1999 US 60/159590.17-FEB-2000 US 60/183322 PI TOSHIO OTA,TAKAO ISOGAI,TETSUO NISHIKAWA,KOJI HAYASHI, PI KOORU SAITO, PI JUNICHI YAMAMOTO,SHIZUO ISHII,TOMOYASU SUGIYAMA, AI WAKAMATSU, PI KEIICHI NAGAI,TETSUJI OTSUKI,YOJI YAMADA,KAZUHIRO SAKURADA, PI MASAYA OBAVASHI
PC C12N15/12,C12Q1/68,C12P21/02,C07K14/425,A61K38/17,A61P9/10 CC Description of Artificial Sequence: Artificially synthesized sequence
FEATURES
source MASAYA OBAVASHI
CC Key Location/Qualifiers
1..20 Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4067 TCCAAATGCGCCACTT 4082
DB 19 TCCAAATAGCCCACTT 4
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RESULT 1014
BD083406 20 bp DNA linear PAT 27-AUG-2002

LOCUS BD083406
DEFINITION Human matured/activated dendritic cell expression genes.
ACCESSION BD083406
VERSION BD083406.1 GI:22629016
KEYWORDS JP 2001327293-A/327.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Matsumura,K., Hashimoto,S., Suzuki,T. and Nagai,S.
TITLE Human matured/activated dendritic cell expression genes

JOURNAL Patent: JP 2001327293-A 327 27-NOV-2001;
JAPAN SCIENCE AND TECHNOLOGY CORP
COMMENT OS Artificial Sequence
PN JP 2001327293-A/327
PD 27-NOV-2001
PF 22-MAY-2000 JP 2000150562
PI KOJI MATSUSHIMA,SHINICHI HASHIMOTO,TAKUJI SUZUKI,SHIGENORI PI NAGAI
PC C12N15/09,C07K14/47,C07K16/18//C12P21/02,C12P21/08,C12N15/00 CC Artificial Sequence: Synthesized oligonucleotide FH Key
Location/Qualifiers
FEATURES
source 1..20 Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4094 GGATGCTCCTGGAGAA 4109
DB 1 GGATGCCCTGGAGAA 16
|||||

RESULT 1015
BD085692 20 bp DNA linear PAT 27-AUG-2002

LOCUS BD085692/c
DEFINITION Novel human delta 3 compositions and therapeutic and diagnostic uses therefor.
ACCESSION BD085692
VERSION BD085692.1 GI:22631302
KEYWORDS JP 2001521382-A/4.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS McCarthy,S.A. and Gearing,D.P.
TITLE Novel human delta 3 compositions and therapeutic and diagnostic uses therefor
JOURNAL Patent: JP 2001521382-A 4 06-NOV-2001;
MILLENNIUM PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
PN JP 2001521382-A/4
PD 06-NOV-2001
PF 06-APR-1998 JP 1998542992
PR 04-APR-1997 US 08/832633.11-JUN-1997 US 08/872855 PI SEAN A MCCARTHY,DAVID P GEARING
PC C12N15/12,C07K14/47,C12N15/62,C07K16/18,A61K38/16 CC Description of artificial sequence: primer
FH Key Location/Qualifiers
1..20 Location/Qualifiers
FT source 1..20 Location/Qualifiers
/organism="Artificial Sequence".

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3960 GGTGGCAGGCGCTCTG 3975
DB 20 GGTGGCAGGCGCTCTG 5
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RESULT 1016
BD090219 20 bp DNA linear PAT 27-AUG-2002

LOCUS BD090219
DEFINITION A method of arraying genome clone.

ACCESSION BD090219 GI:22635829
VERSION BD090219.1
KEYWORDS JP 2001321190-A/2463.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Soeda, E.
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 2463 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECBS
COMMENT OS Artificial Sequence
PN JP 2001321190-A/2463
PD 20-NOV-2001
PP 12-MAR-2001 JP 2001068285
PI EIICHI SOEDA
PC C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
C12N15/00,
PC C12N15/00
CC Description of Artificial Sequence: Synthetic DNA FH Key
FT Location/Qualifiers
FT source 1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2562 TGAGGGGAGAGAGAG 2577
Db 5 TGAGGGGAGAGAGAG 20

RESULT 1017
BD091862 20 bp DNA linear PAT 27-AUG-2002
LOCUS Diagnostic method for chronic rheumatism.
DEFINITION BD091862
ACCESSION BD091862
VERSION BD091862.1 GI:22637473
KEYWORDS WO 0075313-A/5.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Takai, M., Sawada, S., Ishiwata, T., Sasaki, K. and Nishi, T.
TITLE Diagnostic method for chronic rheumatism
JOURNAL Patent: WO 0075313-A 5 14-DEC-2000;
KYOMA HAKKO KOGYO CO LTD, MASAMI TAKEI, SHIGEMASA SAWADA, TETSUYOSHI
ISHIWATA, KATSUTOSHI SASAKI, TATSUNARI NISHI
COMMENT OS Artificial Sequence
PN WO 0075313-A/5
PD 14-DEC-2000
PP 01-JUN-2000 WO 2000P003552
PR 02-JUN-1999 JP 99P 154625
PI MASAMI TAKEI, SHIGEMASA SAWADA, TETSUYOSHI ISHIWATA, KATSUTOSHI
SASAKI,
PI TATSUNARI NISHI
PC C12N15/12, C07K16/18, A61K38/17, A61K45/00, A61K48/00, G01N33/564,
PC G01N33/50,
PC G01N33/15
CC Description of Artificial Sequence: synthetic DNA FH Key
FT Location/Qualifiers
FT source 1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2646 GCTGCTGTCGACCA 2661
Db 19 GCTGCTGTCGACCA 4

RESULT 1018
BD130023 20 bp DNA linear PAT 18-SEP-2002
LOCUS Asthma-associated gene.
DEFINITION BD130023
ACCESSION BD130023.1 GI:23224968
KEYWORDS JP 2002500895-A/313.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wilson, A.R.B., Buckler, A., Cardon, L., Carey, A.H., Galvin, M.,
Miller, A. and North, M.
TITLE Asthma-associated gene
JOURNAL Patent: JP 2002500895-A 313 15-JAN-2002;
AXYS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002500895-A/313
PD 15-JAN-2002
PP 21-JAN-1998 JP 2000528715
PI ANGELA R BROOKS WILSON, ALAN BUCKLER, LON
CARDON, ALISON H CAREY,
PI MARGARET GALVIN, ANDREW MILLER, MICHAEL NORTH
PC C12Q1/68, A01K67/027, C07K14/47, C12N15/09, C12N15/00 CC
Strandedness: Single;
CC Topology: Linear;
CC Asthma-associated gene
FH Key Location/Qualifiers
FT source 1..20
/organism="Unidentified".
FT Location/Qualifiers
FT source 1..20
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2184 CCTTGCCAGGCTCTC 2199
Db 1 CCTTGCCAGGCTCTC 16

RESULT 1019
BD133506 20 bp DNA linear PAT 18-SEP-2002
LOCUS Respiratory chain enzyme gene of coryneform bacterium.
DEFINITION BD133506
ACCESSION BD133506
VERSION BD133506.1 GI:23228451
KEYWORDS JP 2002078490-A/7.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Sone, N.
TITLE Respiratory chain enzyme gene of coryneform bacterium
JOURNAL Patent: JP 2002078490-A 7 19-MAR-2002;
AJINOMOTO CO INC
COMMENT OS Artificial Sequence
PN JP 2002078490-A/7
PD 19-MAR-2002

PF 06-SEP-2000 JP 2000270283
PI NOBUSHI SONE
PC C12N15/09,C07K14/34,C12N9/04//C12P21/02,(C12N15/09,C12R1:15),
PC (C12N9/04,C12R1:15),(C12P21/02,C12R1:15),C12N15/00,(C12N15/00,
PC C12R1:15)
CC Description of Artificial Sequence: primer for PCR CC n-a or
g or c or t
FH Key Location/Qualifiers
FT misc feature (15).
Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 68.4%; Pred. No. 7e+02; 2; Indels 0; Gaps 0;
Matches 13; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 4245 CCATCCTGAGGAAGTCACC 4263
DB 19 CCATGCGVARGAARTCRCC 1

RESULT 1020
A51172 19 bp DNA linear PAT 10-MAR-1997
LOCUS Sequence 41 from Patent WO9616175.
DEFINITION A51172
ACCESSION A51172
VERSION A51172.1 GI:2303943
KEYWORDS
SOURCE . unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Beckmann,J. and Richard,I.
TITLE LgMD gene
JOURNAL Patent: WO 9616175-A 41 30-MAY-1996;
ASS FRANCAISE CONTRE LES MYOPA (FR)
Location/Qualifiers
1..19
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

FEATURES
source

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 623 CCAGAGCTCTTCGGGTGA 641
DB 1 CCAGAGCTCTTCGGGTGA 19

RESULT 1021
A57717/c 19 bp DNA linear PAT 03-MAR-1998
LOCUS Sequence 3 from Patent WO9632489.
DEFINITION A57717
ACCESSION A57717
VERSION A57717.1 GI:3713541
KEYWORDS
SOURCE . unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1
AUTHORS Chen,R., Dotson,B. and Kahn,A.
TITLE GLUCOSE-INDUCIBLE RECOMBINANT VIRAL VECTOR
JOURNAL Patent: WO 9632489-A 3 17-OCT-1996;
INST NAT SANTE RECH MED (FR)
COMMENT Other publication AU 5652396 961030
Other publication FR 2732978 961018.
Location/Qualifiers
1..19
source

/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4983 ACAGGGGGCCCGAGTCAG 5001
DB 19 ACTGGGGGCGCAGAGTCAG 1

RESULT 1022
A68209/c 19 bp DNA linear PAT 06-MAY-1999
LOCUS Sequence 4 from Patent WO9747636.
DEFINITION A68209
ACCESSION A68209
VERSION A68209.1 GI:4759376
KEYWORDS
SOURCE . unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Collingwood,S.P., Moser,H.E., Altmann,K. and Douglas,M.E.
TITLE INTERMEDIATES FOR OLIGONUCLEOTIDE SYNTHESIS
JOURNAL Patent: WO 9747636-A 4 18-DEC-1997;
CIBA GEIGY AG (CH)
Location/Qualifiers
1..19
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

FEATURES
source

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1023
A76997 19 bp DNA linear PAT 19-OCT-1999
LOCUS Sequence 41 from Patent EP0717110.
DEFINITION A76997
ACCESSION A76997
VERSION A76997.1 GI:6088788
KEYWORDS
SOURCE . unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Beckmann,J. and Richard,I.
TITLE LgMD GENE
JOURNAL Patent: EP 0717110-A 41 19-JUN-1996;
ASS FRANCAISE CONTRE LES MYOPA (FR)
Location/Qualifiers
1..19
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

FEATURES
source

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 623 CCAGAGCTCTTCGGGTGA 641
DB 1 CCAGAGCTCTTCGGGTGA 19

RESULT 1024
AR027790/c 19 bp DNA linear PAT 29-SEP-1999
LOCUS Sequence 21 from patent US 5856458.
DEFINITION AR027790
ACCESSION AR027790
VERSION AR027790.1 GI:5938610
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3672 GGAGTACCGGCGAAGCTC 3690
DB 19 GGTGTACCGGATGAACCTC 1

RESULT 1025
AR048767/c 19 bp DNA linear PAT 29-SEP-1999
LOCUS Sequence 1 from patent US 5821354.
DEFINITION AR048767
ACCESSION AR048767
VERSION AR048767.1 GI:5971110
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAGAA 5411
DB 19 AAAAAAATACAAAAGAA 1

RESULT 1026
AR111371/c 19 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 1 from patent US 6127124.
DEFINITION AR111371
ACCESSION AR111371
VERSION AR111371.1 GI:12828219
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAGAA 5411
DB 19 AAAAAAATACAAAAGAA 1

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAGAA 5411
DB 19 AAAAAAATACAAAAGAA 1

RESULT 1027
AR111946/c 19 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 20 from patent US 6127533.
DEFINITION AR111946
ACCESSION AR111946
VERSION AR111946.1 GI:12828794
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAGAA 5411
DB 19 AAAAAAATACAAAAGAA 1

RESULT 1028
AR111947/c 19 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 21 from patent US 6127533.
DEFINITION AR111947
ACCESSION AR111947
VERSION AR111947.1 GI:12828795
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAGAA 5411
DB 19 AAAAAAATACAAAAGAA 1

RESULT 1029
AR111948/c 19 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 22 from patent US 6127533.
DEFINITION AR111948
ACCESSION AR111948

```

VERSION      AR111948.1 GI:12828796
KEYWORDS     .
SOURCE        Unknown.
ORGANISM      Unclassified.
REFERENCE     1 (bases 1 to 19)
AUTHORS       Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE         2'-O-aminooxy-modified oligonucleotides
JOURNAL       Patent: US 6127533-A 22 03-OCT-2000;
FEATURES      Location/Qualifiers
               1..19
               /organism="unknown"
               /mol_type="unassigned DNA"

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5393 AAAAAAAAAATCAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1030
AR111949/c
LOCUS        AR111949      19 bp      DNA      linear      PAT 14-FEB-2001
DEFINITION   Sequence 23 from patent US 6127533.
ACCESSION    AR111949
VERSION      AR111949.1 GI:12828797
KEYWORDS     .
SOURCE        Unknown.
ORGANISM      Unclassified.
REFERENCE     1 (bases 1 to 19)
AUTHORS       Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE         2'-O-aminooxy-modified oligonucleotides
JOURNAL       Patent: US 6127533-A 23 03-OCT-2000;
FEATURES      Location/Qualifiers
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               /organism="unknown"
               /mol_type="unassigned DNA"

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5393 AAAAAAAAAATCAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1031
AR111950/c
LOCUS        AR111950      19 bp      DNA      linear      PAT 14-FEB-2001
DEFINITION   Sequence 24 from patent US 6127533.
ACCESSION    AR111950
VERSION      AR111950.1 GI:12828798
KEYWORDS     .
SOURCE        Unknown.
ORGANISM      Unclassified.
REFERENCE     1 (bases 1 to 19)
AUTHORS       Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE         2'-O-aminooxy-modified oligonucleotides
JOURNAL       Patent: US 6127533-A 24 03-OCT-2000;
FEATURES      Location/Qualifiers
               1..19
               /organism="unknown"
               /mol_type="unassigned DNA"

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5393 AAAAAAAAAATCAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAAA 1
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Qy      5393 AAAAAAAAAATCAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1032
AR111951/c
LOCUS        AR111951      19 bp      DNA      linear      PAT 14-FEB-2001
DEFINITION   Sequence 25 from patent US 6127533.
ACCESSION    AR111951
VERSION      AR111951.1 GI:12828799
KEYWORDS     .
SOURCE        Unknown.
ORGANISM      Unclassified.
REFERENCE     1 (bases 1 to 19)
AUTHORS       Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE         2'-O-aminooxy-modified oligonucleotides
JOURNAL       Patent: US 6127533-A 25 03-OCT-2000;
FEATURES      Location/Qualifiers
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               /organism="unknown"
               /mol_type="unassigned DNA"

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5393 AAAAAAAAAATCAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1033
AR111952/c
LOCUS        AR111952      19 bp      DNA      linear      PAT 14-FEB-2001
DEFINITION   Sequence 26 from patent US 6127533.
ACCESSION    AR111952
VERSION      AR111952.1 GI:12828800
KEYWORDS     .
SOURCE        Unknown.
ORGANISM      Unclassified.
REFERENCE     1 (bases 1 to 19)
AUTHORS       Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE         2'-O-aminooxy-modified oligonucleotides
JOURNAL       Patent: US 6127533-A 26 03-OCT-2000;
FEATURES      Location/Qualifiers
               1..19
               /organism="unknown"
               /mol_type="unassigned DNA"

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5393 AAAAAAAAAATCAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1034
AR111953/c
LOCUS        AR111953      19 bp      DNA      linear      PAT 14-FEB-2001
DEFINITION   Sequence 27 from patent US 6127533.
ACCESSION    AR111953
VERSION      AR111953.1 GI:12828801
KEYWORDS     .
SOURCE        Unknown.
ORGANISM      Unclassified.
REFERENCE     1 (bases 1 to 19)
```

AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE 2'-O-aminooxy-modified oligonucleotides
JOURNAL Patent: US 6127533-A 27 03-OCT-2000;
FEATURES Location/Qualifiers
SOURCE 1. 19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAGAA 5411
|||||
19 AAAAAAAAAAAAAAAAAA 1

Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1035
AR11957/c 19 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 31 from patent US 6127533.
DEFINITION AR11957
ACCESSION AR11957 GI:12828805
VERSION AR11957.1
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.

REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE 2'-O-aminooxy-modified oligonucleotides
JOURNAL Patent: US 6127533-A 31 03-OCT-2000;
FEATURES Location/Qualifiers
SOURCE 1. 19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAGAA 5411
|||||
19 AAAAAAAAAAAAAAAAAA 1

Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1036
AR11959/c 19 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 33 from patent US 6127533.
DEFINITION AR11959
ACCESSION AR11959 GI:12828807
VERSION AR11959.1
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.

REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE 2'-O-aminooxy-modified oligonucleotides
JOURNAL Patent: US 6127533-A 33 03-OCT-2000;
FEATURES Location/Qualifiers
SOURCE 1. 19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAGAA 5411
|||||
19 AAAAAAAAAAAAAAAAAA 1

Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1037
AR11960/c 19 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 34 from patent US 6127533.
DEFINITION AR11960
ACCESSION AR11960 GI:12828808
VERSION AR11960.1
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.

REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE 2'-O-aminooxy-modified oligonucleotides
JOURNAL Patent: US 6127533-A 34 03-OCT-2000;
FEATURES Location/Qualifiers
SOURCE 1. 19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAGAA 5411
|||||
19 AAAAAAAAAAAAAAAAAA 1

Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1038
AR11970/c 19 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 44 from patent US 6127533.
DEFINITION AR11970
ACCESSION AR11970 GI:12828818
VERSION AR11970.1
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.

REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE 2'-O-aminooxy-modified oligonucleotides
JOURNAL Patent: US 6127533-A 44 03-OCT-2000;
FEATURES Location/Qualifiers
SOURCE 1. 19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAGAA 5411
|||||
19 AAAAAAAAAAAAAAAAAA 1

Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1039
AR124843/c 19 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 20 from patent US 6172209.
DEFINITION AR124843
ACCESSION AR124843 GI:14110204
VERSION AR124843.1
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.

REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
TITLE Aminoxy-modified oligonucleotides and methods for making same
JOURNAL Patent: US 6172209-A 20 09-JAN-2001;
FEATURES Location/Qualifiers
SOURCE 1. 19
/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAA 5411
|||||
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1040

AR124844/c AR124844 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 21 from patent US 6172209.
ACCESSION AR124844

VERSION AR124844.1 GI:14110205

KEYWORDS

SOURCE

ORGANISM

REFERENCE 1 (bases 1 to 19)

Unclassified.

AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.

TITLE Aminoxy-modified oligonucleotides and methods for making same

JOURNAL Patent: US 6172209-A 21 09-JAN-2001;

FEATURES Location/Qualifiers

1..19

source

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;

Best Local Similarity 84.2%; Pred. No. 7.3e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAA 5411

|||||

Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1041

AR124845/c AR124845 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 22 from patent US 6172209.
ACCESSION AR124845

VERSION AR124845.1 GI:14110206

KEYWORDS

SOURCE

ORGANISM

REFERENCE 1 (bases 1 to 19)

Unclassified.

AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.

TITLE Aminoxy-modified oligonucleotides and methods for making same

JOURNAL Patent: US 6172209-A 22 09-JAN-2001;

FEATURES Location/Qualifiers

1..19

source

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;

Best Local Similarity 84.2%; Pred. No. 7.3e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAA 5411

|||||

Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1042

AR124846/c AR124846 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 23 from patent US 6172209.
ACCESSION AR124846

VERSION AR124846.1 GI:14110207

KEYWORDS

SOURCE

ORGANISM

REFERENCE 1 (bases 1 to 19)

Unclassified.

AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.

TITLE Aminoxy-modified oligonucleotides and methods for making same

JOURNAL Patent: US 6172209-A 23 09-JAN-2001;

FEATURES Location/Qualifiers

1..19

source

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;

Best Local Similarity 84.2%; Pred. No. 7.3e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAA 5411

|||||

Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1043

AR124847/c AR124847 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 24 from patent US 6172209.
ACCESSION AR124847

VERSION AR124847.1 GI:14110208

KEYWORDS

SOURCE

ORGANISM

REFERENCE 1 (bases 1 to 19)

Unclassified.

AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.

TITLE Aminoxy-modified oligonucleotides and methods for making same

JOURNAL Patent: US 6172209-A 24 09-JAN-2001;

FEATURES Location/Qualifiers

1..19

source

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;

Best Local Similarity 84.2%; Pred. No. 7.3e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAA 5411

|||||

Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1044

AR124848/c AR124848 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 25 from patent US 6172209.
ACCESSION AR124848

VERSION AR124848.1 GI:14110209

KEYWORDS

SOURCE

ORGANISM

REFERENCE 1 (bases 1 to 19)

Unclassified.

AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.

TITLE Aminoxy-modified oligonucleotides and methods for making same

JOURNAL Patent: US 6172209-A 25 09-JAN-2001;

FEATURES Location/Qualifiers

1..19

source

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;

Best Local Similarity 84.2%; Pred. No. 7.3e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1045

LOCUS AR124849/c 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 26 from patent US 6172209.
ACCESSION AR124849
VERSION AR124849.1 GI:14110210
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
TITLE Aminoxy-modified oligonucleotides and methods for making same
JOURNAL Patent: US 6172209-A 26 09-JAN-2001;
FEATURES Location/Qualifiers
1..19
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1046

LOCUS AR124850/c 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 27 from patent US 6172209.
ACCESSION AR124850
VERSION AR124850.1 GI:14110211
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
TITLE Aminoxy-modified oligonucleotides and methods for making same
JOURNAL Patent: US 6172209-A 27 09-JAN-2001;
FEATURES Location/Qualifiers
1..19
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1047

LOCUS AR124854/c 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 31 from patent US 6172209.
ACCESSION AR124854
VERSION AR124854.1 GI:14110215
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.

TITLE Aminoxy-modified oligonucleotides and methods for making same
JOURNAL Patent: US 6172209-A 31 09-JAN-2001;
FEATURES Location/Qualifiers
1..19
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1048
LOCUS AR124856/c 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 33 from patent US 6172209.
ACCESSION AR124856
VERSION AR124856.1 GI:14110217
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
TITLE Aminoxy-modified oligonucleotides and methods for making same
JOURNAL Patent: US 6172209-A 33 09-JAN-2001;
FEATURES Location/Qualifiers
1..19
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1049
LOCUS AR124857/c 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 34 from patent US 6172209.
ACCESSION AR124857
VERSION AR124857.1 GI:14110218
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
TITLE Aminoxy-modified oligonucleotides and methods for making same
JOURNAL Patent: US 6172209-A 34 09-JAN-2001;
FEATURES Location/Qualifiers
1..19
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1050

AR124867/c
LOCUS AR124867 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 44 from patent US 6172209.
ACCESSION AR124867
VERSION AR124867.1 GI:14110228
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
TITLE Aminoxy-modified oligonucleotides and methods for making same
JOURNAL Patent: US 6172209-A 44 09-0AM-2001;
FEATURES
source
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred.No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1051
AR135291/c
LOCUS AR135291 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 20 from patent US 6194598.
ACCESSION AR135291
VERSION AR135291.1 GI:14124196
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 20 27-FEB-2001;
FEATURES
source
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred.No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1052
AR135292/c
LOCUS AR135292 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 21 from patent US 6194598.
ACCESSION AR135292
VERSION AR135292.1 GI:14124197
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 21 27-FEB-2001;
FEATURES
source
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred.No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1053
AR135293/c
LOCUS AR135293 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 22 from patent US 6194598.
ACCESSION AR135293
VERSION AR135293.1 GI:14124198
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 22 27-FEB-2001;
FEATURES
source
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred.No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1054
AR135294/c
LOCUS AR135294 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 23 from patent US 6194598.
ACCESSION AR135294
VERSION AR135294.1 GI:14124199
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 23 27-FEB-2001;
FEATURES
source
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred.No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1055
AR135295/c
LOCUS AR135295 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 24 from patent US 6194598.
ACCESSION AR135295
VERSION AR135295.1 GI:14124200
KEYWORDS


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SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 24 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1056
AR135296/c 19 bp DNA linear PAT 16-MAY-2001
LOCUS AR135296
DEFINITION Sequence 25 from patent US 6194598.
ACCESSION AR135296
VERSION AR135296.1 GI:14124201
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 25 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1057
AR135297/c 19 bp DNA linear PAT 16-MAY-2001
LOCUS AR135297
DEFINITION Sequence 26 from patent US 6194598.
ACCESSION AR135297
VERSION AR135297.1 GI:14124202
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 26 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1058
AR135298/c 19 bp DNA linear PAT 16-MAY-2001
LOCUS AR135298
DEFINITION Sequence 27 from patent US 6194598.
ACCESSION AR135298
VERSION AR135298.1 GI:14124203
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 27 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1059
AR135302/c 19 bp DNA linear PAT 16-MAY-2001
LOCUS AR135302
DEFINITION Sequence 31 from patent US 6194598.
ACCESSION AR135302
VERSION AR135302.1 GI:14124207
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 31 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1060
AR135304/c 19 bp DNA linear PAT 16-MAY-2001
LOCUS AR135304
DEFINITION Sequence 33 from patent US 6194598.
ACCESSION AR135304
VERSION AR135304.1 GI:14124209
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
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Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1058
AR135298/c 19 bp DNA linear PAT 16-MAY-2001
LOCUS AR135298
DEFINITION Sequence 27 from patent US 6194598.
ACCESSION AR135298
VERSION AR135298.1 GI:14124203
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 27 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1059
AR135302/c 19 bp DNA linear PAT 16-MAY-2001
LOCUS AR135302
DEFINITION Sequence 31 from patent US 6194598.
ACCESSION AR135302
VERSION AR135302.1 GI:14124207
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 31 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1060
AR135304/c 19 bp DNA linear PAT 16-MAY-2001
LOCUS AR135304
DEFINITION Sequence 33 from patent US 6194598.
ACCESSION AR135304
VERSION AR135304.1 GI:14124209
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
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JOURNAL Patent: US 6194598-A 33 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1061
AR135305/c 19 bp DNA linear PAT 16-MAY-2001
LOCUS AR135305/c
DEFINITION Sequence 34 from patent US 6194598.
ACCESSION AR135305
VERSION AR135305.1 GI:14124210
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 34 27-FEB-2001;
FEATURES Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1062
AR135315/c 19 bp DNA linear PAT 16-MAY-2001
LOCUS AR135315/c
DEFINITION Sequence 44 from patent US 6194598.
ACCESSION AR135315
VERSION AR135315.1 GI:14124220
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 44 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
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/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1063
AR137255 19 bp DNA linear PAT 16-JUN-2001
LOCUS AR137255
DEFINITION Sequence 2 from patent US 6197505.
ACCESSION AR137255
VERSION AR137255.1 GI:14478764
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Norberg,L.Tordjorn., Andersson,M.Kristina. and Lindstrom,P.Harry.Rutger.
TITLE Methods for assessing cardiovascular status and compositions for use thereof
JOURNAL Patent: US 6197505-A 2 06-MAR-2001;
FEATURES Location/Qualifiers
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1553 CCAGGAGGTGAAGGAGC 1571
DB 1 CCAGGAGGTGAAGGAGC 19

RESULT 1064
AR141898 19 bp DNA linear PAT 08-AUG-2001
LOCUS AR141898
DEFINITION Sequence 4 from patent US 6147200.
ACCESSION AR141898
VERSION AR141898.1 GI:15101414
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Kawasaki,A.M., Cook,P.Dan., Fraser,A.S. and Prakash,T.P.
TITLE 2'-O-acetamido modified monomers and oligomers
JOURNAL Patent: US 6147200-A 4 14-NOV-2000;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1065
AR153863 19 bp DNA linear PAT 08-AUG-2001
LOCUS AR153863/c
DEFINITION Sequence 16 from patent US 6238624.
ACCESSION AR153863
VERSION AR153863.1 GI:15121916
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Heller,M.J., Tu,E., Evans,G.A. and Sosnowski,R.G.
TITLE Methods for transport in molecular biological analysis and diagnostics
JOURNAL Patent: US 6238624-A 16 29-MAY-2001;
FEATURES Location/Qualifiers

JOURNAL Patent: US 6194598-A 33 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1061
AR135305/c 19 bp DNA linear PAT 16-MAY-2001
LOCUS AR135305/c
DEFINITION Sequence 34 from patent US 6194598.
ACCESSION AR135305
VERSION AR135305.1 GI:14124210
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 34 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1062
AR135315/c 19 bp DNA linear PAT 16-MAY-2001
LOCUS AR135315/c
DEFINITION Sequence 44 from patent US 6194598.
ACCESSION AR135315
VERSION AR135315.1 GI:14124220
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 44 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1063
AR137255 19 bp DNA linear PAT 16-JUN-2001
LOCUS AR137255
DEFINITION Sequence 2 from patent US 6197505.
ACCESSION AR137255
VERSION AR137255.1 GI:14478764
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Norberg,L.Tordjorn., Andersson,M.Kristina. and Lindstrom,P.Harry.Rutger.
TITLE Methods for assessing cardiovascular status and compositions for use thereof
JOURNAL Patent: US 6197505-A 2 06-MAR-2001;
FEATURES Location/Qualifiers
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1553 CCAGGAGGTGAAGGAGC 1571
DB 1 CCAGGAGGTGAAGGAGC 19

RESULT 1064
AR141898 19 bp DNA linear PAT 08-AUG-2001
LOCUS AR141898
DEFINITION Sequence 4 from patent US 6147200.
ACCESSION AR141898
VERSION AR141898.1 GI:15101414
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Kawasaki,A.M., Cook,P.Dan., Fraser,A.S. and Prakash,T.P.
TITLE 2'-O-acetamido modified monomers and oligomers
JOURNAL Patent: US 6147200-A 4 14-NOV-2000;
FEATURES Location/Qualifiers
source 1..19
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/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1065
AR153863 19 bp DNA linear PAT 08-AUG-2001
LOCUS AR153863/c
DEFINITION Sequence 16 from patent US 6238624.
ACCESSION AR153863
VERSION AR153863.1 GI:15121916
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Heller,M.J., Tu,E., Evans,G.A. and Sosnowski,R.G.
TITLE Methods for transport in molecular biological analysis and diagnostics
JOURNAL Patent: US 6238624-A 16 29-MAY-2001;
FEATURES Location/Qualifiers

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source
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Best Local Similarity 0.3%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1066
AR164173/c 19 bp DNA linear PAT 17-OCT-2001
LOCUS AR164173
DEFINITION Sequence 6 from patent US 6271358.
ACCESSION AR164173
VERSION AR164173.1 GI:16235162
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Mohan,V. and Boswell,H.
TITLE RNA targeted 2'-modified oligonucleotides that are conformationally
JOURNAL preorganized
PATENT: US 6271358-A 6 07-AUG-2001;
FEATURES
1. .19
Location/Qualifiers
source /mol_type="unknown"

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1067
AR175911/c 19 bp DNA linear PAT 17-DEC-2001
LOCUS AR175911
DEFINITION Sequence 3 from patent US 6309878.
ACCESSION AR175911
VERSION AR175911.1 GI:17917210
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Chen,R., Doltron,B. and Kahn,A.
TITLE Glucose-inducible recombinant viral vector
JOURNAL Patent: US 6309878-A 3 30-OCT-2001;
FEATURES
1. .19
Location/Qualifiers
source /mol_type="unknown"

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4983 ACAGGGGCCCCAGTCAG 5001
DB 19 ACTGGGGGCCAGAGTCAG 1

RESULT 1068
BD195367/c 19 bp DNA linear PAT 17-JUL-2003
LOCUS BD195367/c

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DEFINITION IL-9 receptor variants, useful in treating and diagnosing atopic
ACCESSION allergies including asthma and related disorders.
BD195367
VERSION JP 2002514911-A/12.
KEYWORDS JP 2002514911-A/12.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 19)
AUTHORS Levitt,R.C., Grasso,L., Nicolaides,N.C. and Holroyd,K.J.
TITLE IL-9 receptor variants, useful in treating and diagnosing atopic
JOURNAL allergies including asthma and related disorders
PATENT: JP 2002514911-A 12 21-MAY-2002;
COMMENT MAGNIN PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002514911-A/12
PD 21-MAY-2002
PP 02-DEC-1997 JP 1998525737
PR 02-DEC-1996 US 60/032224
PI ROY CLIFFORD LEVITT, LUTGI GRASSO, NICHOLAS
C NICOLAIDES, KENNETH
PI J HOLROYD
PC C12N15/12, C07K14/715, C12Q1/68, G01N33/566, G01N33/68, A61K38/17,
PC C12N5/10,
PC C12N15/11
CC Description of Artificial Sequence: synthetic polynucleotide FH
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Query Match
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QY 4244 TCATCTCTGAGAGATCAG 4262
DB 19 TCATCTCTGAGAGATCAG 1

RESULT 1069
BD196900/c 19 bp DNA linear PAT 17-JUL-2003
LOCUS BD196900
DEFINITION Prostatic cancer gene.
ACCESSION BD196900
VERSION BD196900.1 GI:33006670
KEYWORDS JP 2002516657-A/489.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Bukaryota; Metazoa; Chordata; Graptata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
TITLE 1 (bases 1 to 19)
JOURNAL Patent: JP 2002516657-A 489 11-JUN-2002;
COMMENT OS Homo sapiens (human)
PN JP 2002516657-A/489
PD 11-JUN-2002
PP 22-DEC-1998 JP 2000525562
PR 22-DEC-1997 US 08/996306/09-SEP-1998 US 60/09658 PI
DANIEL COHEN, MARTA BLUMENFELD, ILVA CHUMAKOV, LYDIE BOUGUELERET PC
C12N15/09, C12N15/09, A01K67/027, C07K14/47, C07K16/18, C12N1/15, PC
C12N1/19,
PC C12N1/21, C12N5/10, C12N5/10, C12P21/08, C12Q1/68, G01N33/50 PC
, C12N15/00, C12N5/00,
PC C12N5/00, C12N15/00
CC potential microsequencing oligo for 4-4-187.m182 FH Key
Location/Qualifiers

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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1070
BD226532 19 bp DNA linear PAT 17-JUL-2003
DEFINITION Method and probes for the detection of chromosome aberrations.
ACCESSION BD226532
VERSION BD226532.1 GI:33036302
KEYWORDS JP 2002513587-A/78.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 19)
AUTHORS Dongen,J.J.M.V., Pluzek,K.J., Nielsen,K.V. and Adelhorst,K.
TITLE Method and probes for the detection of chromosome aberrations
JOURNAL Patent: JP 2002513587-A 78 14-MAY-2002;
DAKO AS
OS Artificial Sequence
PN JP 2002513587-A/78
PD 14-MAY-2002
PF 04-MAY-1999 JP 2000547260
PR 04-MAY-1998 DK 0615/98
PI JACOBS JOHANNES MARIA VAN DONGEN,KARL JOHAN PLUZEK,KIRSTEN PI
VANG NIELSEN,
PI KIM ADELHORST
PC C12N15/09,C07H21/00,C12Q1/68,G01N33/53,G01N33/566,C12N15/00 CC
Description of Artificial Sequence:PNA probe, HER-2, position CC
FH Key Location/Qualifiers
FT source 1..19
/organism='Artificial Sequence'.
1..19
Location/Qualifiers
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/mol_type="genomic DNA"
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1972 TCCAGCAGGAGGAATATT 1990
Db 1 TCAAGCAGGAGGAGGATT 19

RESULT 1071
BD231238 19 bp DNA linear PAT 17-JUL-2003
LOCUS BD231238
DEFINITION Genes for assessing cardiovascular status and compositions for use
thereof.
ACCESSION BD231238
VERSION BD231238.1 GI:33041008
KEYWORDS JP 2002527079-A/2.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 19)
AUTHORS Norberg,L.T., Andersson,M.K., Lindstrom,P.H.R. and Jonsson,L.

TITLE Genes for assessing cardiovascular status and compositions for use
thereof
JOURNAL Patent: JP 2002527079-A 2 27-AUG-2002;
PAIRROBAKENSINGU AB
COMMENT Official Sequence
OS Artificial Sequence
PN JP 2002527079-A/2
PD 27-AUG-2002
PF 13-OCT-1999 JP 2000576056
PR 14-OCT-1998 US 60/104286,14-OCT-1998 US 60/104302 PI
LEIF TORBJORN NORBERG,MARIA KRISTINA ANDERSSON,PER HARRY PI
RUTGER LINDSTROM,
PI LENA JONSSON
PC C12Q1/68,C12N15/09//G01N33/53,G01N33/566,C12N15/00 CC Genes
for assessing cardiovascular status
and compositions for
use thereof
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FT source 1..19
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1..19
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/mol_type="genomic DNA"
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1553 CCAGGAGGTGAAGAGAC 1571
Db 1 CCAGGAGGTGAAGAAATC 19

RESULT 1072
BD274438 19 bp DNA linear PAT 17-JUL-2003
LOCUS BD274438/C
DEFINITION Oligonucleotides having A-DNA form and B-DNA form conformational
geometry.
ACCESSION BD274438
VERSION BD274438.1 GI:33084206
KEYWORDS JP 2002543215-A/15.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M. and Mohan,V.
TITLE Oligonucleotides having A-DNA form and B-DNA form conformational
geometry.
JOURNAL Patent: JP 2002543215-A 15 17-DEC-2002;
ISIS PHARMACEUTICALS INC
COMMENT Official Sequence
OS Artificial Sequence
PN JP 2002543215-A/15
PD 17-DEC-2002
PF 03-MAY-2000 JP 2000615638
PR 03-MAY-1999 US 09/303586
PI MUTHIAH MANOHARAN,VENKATRAMAN MOHAN
PC C07H21/02,A61K48/00,A61P35/00,A61P35/02,A61P43/00,C12N15/09,
C12N15/00
CC Oligonucleotide
CC 3' - O-MOE linkage
CC 3' - O-MOE linkage
CC 3' - O-MOE linkage
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Location/Qualifiers
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Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 1073
BD274439/c      19 bp      DNA      linear      PAT 17-JUL-2003
LOCUS      BD274439/c
DEFINITION      Oligonucleotides having A-DNA form and B-DNA form confirmational
                  geometry.
ACCESSION      BD274439.1 GI:33084207
VERSION      BD274439.1 GI:33084207
KEYWORDS      JP 2002543215-A/16.
SOURCE      synthetic construct
ORGANISM      synthetic construct
              artificial sequences.
REFERENCE      1 (bases 1 to 19)
AUTHORS      Manoharan,M. and Mohan,V.
TITLE      Oligonucleotides having A-DNA form and B-DNA form confirmational
              geometry
JOURNAL      Patent: JP 2002543215-A 16 17-DEC-2002;
COMMENT      ISIS PHARMACEUTICALS INC
              OS Artificial Sequence
              PN JP 2002543215-A/16
              PD 17-DEC-2002
              PF 03-MAY-2000 JP 2000615638
              PR 03-MAY-1999 US 09/303586
              PI MUTHIAH MANOHARAN, VENKATRAMAN MOHAN
              PC C07H21/02,A61K48/00,A61P35/00,A61P43/00,C12N15/09,
              PC C12N15/00
              CC Oligonucleotide
              CC 2' - O-MOR linkage
              CC 2' - O-MOR linkage
              CC 2' - O-MOR linkage
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FEATURES
source
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Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 1074
BD274440/c      19 bp      DNA      linear      PAT 17-JUL-2003
LOCUS      BD274440/c
DEFINITION      Oligonucleotides having A-DNA form and B-DNA form confirmational
                  geometry.
ACCESSION      BD274440.1 GI:33084208
VERSION      BD274440.1 GI:33084208
KEYWORDS      JP 2002543215-A/17.
SOURCE      synthetic construct
ORGANISM      synthetic construct
              artificial sequences.
REFERENCE      1 (bases 1 to 19)
AUTHORS      Manoharan,M. and Mohan,V.
TITLE      Oligonucleotides having A-DNA form and B-DNA form confirmational
              geometry
JOURNAL      Patent: JP 2002543215-A 17 17-DEC-2002;

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COMMENT      ISIS PHARMACEUTICALS INC
              OS Artificial Sequence
              PN JP 2002543215-A/17
              PD 17-DEC-2002
              PF 03-MAY-2000 JP 2000615638
              PR 03-MAY-1999 US 09/303586
              PI MUTHIAH MANOHARAN, VENKATRAMAN MOHAN
              PC C07H21/02,A61K48/00,A61P35/00,A61P43/00,C12N15/09,
              PC C12N15/00
              CC Oligonucleotide
              CC sub O linkage
              CC 3' - O-MOR linkage; sub O linkage
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Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 1075
BD274441/c      19 bp      DNA      linear      PAT 17-JUL-2003
LOCUS      BD274441/c
DEFINITION      Oligonucleotides having A-DNA form and B-DNA form confirmational
                  geometry.
ACCESSION      BD274441.1 GI:33084209
VERSION      BD274441.1 GI:33084209
KEYWORDS      JP 2002543215-A/18.
SOURCE      synthetic construct
ORGANISM      synthetic construct
              artificial sequences.
REFERENCE      1 (bases 1 to 19)
AUTHORS      Manoharan,M. and Mohan,V.
TITLE      Oligonucleotides having A-DNA form and B-DNA form confirmational
              geometry
JOURNAL      Patent: JP 2002543215-A 18 17-DEC-2002;
COMMENT      ISIS PHARMACEUTICALS INC
              OS Artificial Sequence
              PN JP 2002543215-A/18
              PD 17-DEC-2002
              PF 03-MAY-2000 JP 2000615638
              PR 03-MAY-1999 US 09/303586
              PI MUTHIAH MANOHARAN, VENKATRAMAN MOHAN
              PC C07H21/02,A61K48/00,A61P35/00,A61P43/00,C12N15/09,
              PC C12N15/00
              CC Oligonucleotide
              CC sub O linkage
              CC 2' - O-MOR; sub O linkage
              CC 2' - O-MOR; sub O linkage
              CC 2' - O-MOR; sub O linkage
              CC 2' - O-MOR
              FH Key Location/Qualifiers
              FT misc_feature (15) . (16)
              FT misc_feature (16) . (17)
              FT misc_feature (17) . (18)
              FT misc_feature (18) . (19)
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              FT Location/Qualifiers
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Query Match
    Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;
    Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5393 AAAAAAATCAAAAAGAA 5411
    Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1076
    BD274449/c 19 bp DNA linear PAT 17-JUL-2003
    DEFINITION Oligonucleotides having A-DNA form and B-DNA form conformational
    geometry.
    ACCESSION BD274449
    VERSION BD274449.1 GI:33084217
    KEYWORDS JP 2002543215-A/26.
    SOURCE synthetic construct
    ORGANISM artificial sequences.
    REFERENCE 1 (bases 1 to 19)
    AUTHORS Manoharan,M. and Mohan,V.
    TITLE Oligonucleotides having A-DNA form and B-DNA form conformational
    geometry
    JOURNAL Patent: JP 2002543215-A 26 17-DEC-2002;
    COMMENT ISIS PHARMACEUTICALS INC
    OS Artificial Sequence
    PN JP 2002543215-A/26
    PD 17-DEC-2002
    PF 03-MAY-2000 JP 2000615538
    PR 03-MAY-1999 US 09/303586
    P1 MUTHIAH MANOHARAN, VENKATRAMAN MOHAN
    PC C07H21/02,A61K48/00,A61P35/00,A61P43/00,C12N15/09,
    CC C12N15/00
    CC Oligonucleotide
    CC 2'-modified T linkage
    CC 2'-modified T linkage
    CC 2'-modified T linkage
    CC 2'-modified T linkage
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    FT misc_feature (16)..(17)
    FT misc_feature (17)..(18)
    FT misc_feature (18)..(19)
    FT misc_feature (19)..(19)
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Query Match
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OY 5393 AAAAAAATCAAAAAGAA 5411
    Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1077
    CQ760576/c 19 bp DNA linear PAT 03-MAR-2004
    DEFINITION Sequence 18 from Patent WO2004003229.
    ACCESSION CQ760576
    VERSION CQ760576.1 GI:44904079
    KEYWORDS
    SOURCE synthetic construct
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            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="Probe"

Query Match
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    Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 233 ACCCTCACCTCCTCGCCT 251
    Db 19 AGCTTCACCTCCTCGGCT 1

RESULT 1078
    CQ799990/c 19 bp RNA linear PAT 28-APR-2004
    DEFINITION Sequence 88 from Patent WO2004030660.
    ACCESSION CQ799990
    VERSION CQ799990.1 GI:46848937
    KEYWORDS
    SOURCE Homo sapiens (human)
    ORGANISM Homo sapiens
    REFERENCE 1
    AUTHORS Bukarjota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
    TITLE Mammalia; Butcheria; Primates; Carnivora; Homidae; Homo.
    JOURNAL Compositions for treatment of prostate and other cancers
    Patent: WO 2004030660-A 88 15-APR-2004;
    The University of British Columbia (CA)
    FEATURES
        source
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Query Match
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    Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2568 GGAGAGAGATGAGAAC 2586
    Db 19 GGAGACAGGAGAGAAC 1

RESULT 1079
    B29828 19 bp DNA linear PAT 18-JUN-2001
    LOCUS B29828
    DEFINITION Method for discriminating and detecting human coagulation factor V
    gene polymorphism.
    ACCESSION B29828
    VERSION B29828.1 GI:13016924
    KEYWORDS JP 1999313676-A/75.
    SOURCE unidentified
    ORGANISM unidentified
    REFERENCE 1 (bases 1 to 19)
    AUTHORS Takashi,F., Shigetoshi,K., Makoto,H. and Keizo,S.
    TITLE Method for discriminating and detecting human coagulation factor V
    gene polymorphism
    JOURNAL Patent: JP 1999313676-A 75 16-NOV-1999;
    OTSUKA PHARMACEUT CO LTD
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COMMENT OS Unidentified
PN JP 1999313676-A/75
PD 16-NOV-1998 JP 1999120217
PR 30-APR-1998 JP 1999120217
PI TAKASHI FUKUI, SHIGETOSHI KINOSHITA, MAKOTO HASHIZUME, PI
KEIZO SUGIMACHI
PC C12N15/09, C12Q1/68, C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
FH Key Location/Qualifiers
FT source 1..19 /organism='unidentified'.
FEATURES
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5406 AAGAGAAAATGAAATTA 5424
DB 1 AATGAGAAAATGAAATTA 19

RESULT 1080
LOCUS I31170 19 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 82 from patent US 5582979.
ACCESSION I31170
VERSION I31170.1 GI:1821961
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Weber, J.L.
TITLE Length polymorphisms in (dC-dA).sub.n. (dG-dT).sub.n sequences and method of using the same
JOURNAL Patent: US 5582979-A 82 10-DEC-1996;
FEATURES
source 1..19 Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3596 CTCAGGCTAATCTCAACT 3614
DB 19 CGCAGGCTGTCTCAACT 1

RESULT 1081
LOCUS I44034 19 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 8 from patent US 5633436.
ACCESSION I44034
VERSION I44034.1 GI:2469132
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Wandelt, C.I.
TITLE Feedtraps enriched in sulfur amino acids and methods for improvements
JOURNAL Patent: US 5633436-A 8 27-MAY-1997;
FEATURES
Location/Qualifiers

source 1..19 /organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1122 GGCTCCTGGACCAATGG 1140
DB 19 GGTTCAATGGTACCAATGG 1

RESULT 1082
LOCUS AR205798 19 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 15 from patent US 6369209.
ACCESSION AR205798
VERSION AR205798.1 GI:21503472
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan, M. and Mohan, V.
TITLE Oligonucleotides having A-DNA form and B-DNA form conformational geometry
JOURNAL Patent: US 6369209-A 15 09-APR-2002;
FEATURES
source 1..19 Location/Qualifiers
/organism="unknown"
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAAGAA 5411
DB 19 AAAAAAATCAAAAAAGAA 1

RESULT 1083
LOCUS AR205799 19 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 16 from patent US 6369209.
ACCESSION AR205799
VERSION AR205799.1 GI:21503473
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan, M. and Mohan, V.
TITLE Oligonucleotides having A-DNA form and B-DNA form conformational geometry
JOURNAL Patent: US 6369209-A 16 09-APR-2002;
FEATURES
source 1..19 Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAAGAA 5411
DB 19 AAAAAAATCAAAAAAGAA 1

RESULT 1084
LOCUS AR205800 19 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 16 from patent US 6369209.
ACCESSION AR205800
VERSION AR205800.1 GI:21503474
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan, M. and Mohan, V.
TITLE Oligonucleotides having A-DNA form and B-DNA form conformational geometry
JOURNAL Patent: US 6369209-A 16 09-APR-2002;
FEATURES
source 1..19 Location/Qualifiers
/organism="unknown"
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LOCUS AR205800 19 bp DNA PAT 20-JUN-2002
DEFINITION Sequence 17 from patent US 6369209.
ACCESSION AR205800
VERSION AR205800.1 GI:21503474
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 19)
Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA form conformational
geometry
JOURNAL Patent: US 6369209-A 17 09-APR-2002;
FEATURES
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy 5393 AAAAAAATCAAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
RESULT 1085
LOCUS AR205801 19 bp DNA PAT 20-JUN-2002
DEFINITION Sequence 18 from patent US 6369209.
ACCESSION AR205801
VERSION AR205801.1 GI:21503476
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 19)
Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA form conformational
geometry
JOURNAL Patent: US 6369209-A 18 09-APR-2002;
FEATURES
Location/Qualifiers
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/mol_type="unassigned DNA"
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy 5393 AAAAAAATCAAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
RESULT 1086
LOCUS AR205809/c 19 bp DNA PAT 20-JUN-2002
DEFINITION Sequence 26 from patent US 6369209.
ACCESSION AR205809
VERSION AR205809.1 GI:21503486
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 19)
Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA form conformational
geometry
JOURNAL Patent: US 6369209-A 26 09-APR-2002;
FEATURES
Location/Qualifiers
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy 5393 AAAAAAATCAAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
RESULT 1087
LOCUS AR213490/c 19 bp DNA PAT 25-SEP-2002
DEFINITION Sequence 1 from patent US 6403779.
ACCESSION AR213490
VERSION AR213490.1 GI:23310721
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 19)
Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 1 11-JUN-2002;
FEATURES
Location/Qualifiers
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/organism="unknown"
/mol_type="genomic DNA"
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy 5393 AAAAAAATCAAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
RESULT 1088
LOCUS AR213491/c 19 bp DNA PAT 25-SEP-2002
DEFINITION Sequence 2 from patent US 6403779.
ACCESSION AR213491
VERSION AR213491.1 GI:23310722
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 19)
Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 2 11-JUN-2002;
FEATURES
Location/Qualifiers
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/mol_type="genomic DNA"
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy 5393 AAAAAAATCAAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
RESULT 1089
LOCUS AR213492/c 19 bp DNA PAT 25-SEP-2002


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DEFINITION Sequence 3 from patent US 6403779.
ACCESSION AR213492
VERSION AR213492.1 GI:23310723
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
          Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 3 11-JUN-2002;
FEATURES
source Location/Qualifiers
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1090
LOCUS AR213493/c 19 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 4 from patent US 6403779.
ACCESSION AR213493
VERSION AR213493.1 GI:23310724
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
          Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 4 11-JUN-2002;
FEATURES
source Location/Qualifiers
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1091
LOCUS AR213494/c 19 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 5 from patent US 6403779.
ACCESSION AR213494
VERSION AR213494.1 GI:23310725
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
          Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 5 11-JUN-2002;
FEATURES
source Location/Qualifiers
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1092
LOCUS AR213495/c 19 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 6 from patent US 6403779.
ACCESSION AR213495
VERSION AR213495.1 GI:23310726
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
          Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 6 11-JUN-2002;
FEATURES
source Location/Qualifiers
1..19
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1093
LOCUS AR213496/c 19 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 7 from patent US 6403779.
ACCESSION AR213496
VERSION AR213496.1 GI:23310727
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
          Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 7 11-JUN-2002;
FEATURES
source Location/Qualifiers
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1094
LOCUS AR213497/c 19 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 8 from patent US 6403779.
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1092
LOCUS AR213495/c 19 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 6 from patent US 6403779.
ACCESSION AR213495
VERSION AR213495.1 GI:23310726
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
          Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 6 11-JUN-2002;
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1093
LOCUS AR213496/c 19 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 7 from patent US 6403779.
ACCESSION AR213496
VERSION AR213496.1 GI:23310727
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
          Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 7 11-JUN-2002;
FEATURES
source Location/Qualifiers
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1094
LOCUS AR213497/c 19 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 8 from patent US 6403779.
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ACCESSION AR213497.1 GI:23310728
VERSION AR213497.1
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 8 11-JUN-2002;
FEATURES
source Location/Qualifiers
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/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1095
AR213501/c AR213501 19 bp DNA linear PAT 25-SEP-2002
LOCUS Sequence 12 from patent US 6403779.
ACCESSION AR213501
VERSION AR213501.1 GI:23310732
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 12 11-JUN-2002;
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source Location/Qualifiers
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/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1096
AR213502/c AR213502 19 bp DNA linear PAT 25-SEP-2002
LOCUS Sequence 14 from patent US 6403779.
ACCESSION AR213502
VERSION AR213502.1 GI:23310733
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 14 11-JUN-2002;
FEATURES
source Location/Qualifiers
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/mol_type="genomic DNA"

QY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1097
AR213503/c AR213503 19 bp DNA linear PAT 25-SEP-2002
LOCUS Sequence 15 from patent US 6403779.
ACCESSION AR213503
VERSION AR213503.1 GI:23310734
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 15 11-JUN-2002;
FEATURES
source Location/Qualifiers
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1098
AR213512/c AR213512 19 bp DNA linear PAT 25-SEP-2002
LOCUS Sequence 25 from patent US 6403779.
ACCESSION AR213512
VERSION AR213512.1 GI:23310743
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 25 11-JUN-2002;
FEATURES
source Location/Qualifiers
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1099
AR222465 AR222465 19 bp DNA linear PAT 26-SEP-2002
LOCUS Sequence 25 from patent US 6428300.
ACCESSION AR222465
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VERSION AR222465.1 GI:23329996
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kurz,M., Lohse,P. and Wagner,R.
TITLE Peptide acceptor ligation methods
JOURNAL Patent: US 6429300-A 25 06-AUG-2002;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5411
DB 1 AAAAAAAAAAAAAAAAAAAAA 19

RESULT 1100
AR237463/c 19 bp DNA linear PAT 20-DEC-2002
LOCUS AR237463
DEFINITION Sequence 1 from patent US 6465628.
ACCESSION AR237463
VERSION AR237463.1 GI:27282213
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Ravikumar,V.T., Manoharan,M., Capaldi,D.C., Krotz,A., Cole,D.L. and Guzaev,A.
TITLE Process for the synthesis of oligomeric compounds
JOURNAL Patent: US 6465628-A 1 15-OCT-2002;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1101
AR241724/c 19 bp DNA linear PAT 20-DEC-2002
LOCUS AR241724
DEFINITION Sequence 12 from patent US 6472154.
ACCESSION AR241724
VERSION AR241724.1 GI:27287536
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
TITLE Polymorphic repeats in human genes
JOURNAL Patent: US 6472154-A 12 29-OCT-2002;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGAAA 1200
DB 19 AAAAAAAAAAGAAAGAAA 1

RESULT 1102
AR292900/c 19 bp DNA linear PAT 12-JUN-2003
LOCUS AR292900
DEFINITION Sequence 4635 from patent US 6537751.
ACCESSION AR292900
VERSION AR292900.1 GI:31680184
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 4635 25-MAR-2003;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1189 GAGAGAGAGAAATCAGAGA 1207
DB 19 GATGAGCGAATGAGAGA 1

RESULT 1103
AR295279/c 19 bp DNA linear PAT 12-JUN-2003
LOCUS AR295279
DEFINITION Sequence 7014 from patent US 6537751.
ACCESSION AR295279
VERSION AR295279.1 GI:31682563
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 7014 25-MAR-2003;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4863 CTTTGCTCTCAGTTTCTT 4881
DB 19 CTTTCTCTCTCTTCTT 1

RESULT 1104
AR298507/c 19 bp DNA linear PAT 12-JUN-2003
LOCUS AR298507
DEFINITION Sequence 10242 from patent US 6537751.
ACCESSION AR298507
VERSION AR298507.1 GI:31685791
KEYWORDS
SOURCE Unknown.

ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
JOURNAL disequilibrium map of the human genome
FEATURES Patent: US 6537751-A 10242 25-MAR-2003;
Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred.No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2318 CCATCATCTCCACCTTCTT 2336
Db 19 CCATATCTCTACCTTCTT 1

RESULT 1105
AR299941/C 19 bp DNA linear PAT 12-JUN-2003
LOCUS AR299941 Sequence 11676 from patent US 6537751.
DEFINITION AR299941
ACCESSION AR299941
VERSION AR299941.1 GI:31687225
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
JOURNAL disequilibrium map of the human genome
FEATURES Patent: US 6537751-A 11676 25-MAR-2003;
Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred.No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3039 GGAGACCTGCTCGCTTGGCT 3057
Db 19 GGACACACTGCTGTGGCT 1

RESULT 1106
AR321589/C 19 bp DNA linear PAT 17-AUG-2003
LOCUS AR321589 Sequence 10 from patent US 6562960.
DEFINITION AR321589
ACCESSION AR321589
VERSION AR321589.1 GI:33706818
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Baxter,A.D., Collingwood,S.P., Douglas,M.E. and Taylor,R.J.
TITLE Oligonucleotide analogues
JOURNAL Patent: US 6562960-A 10 13-MAY-2003;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred.No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATTCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1107
AR359804/C 19 bp DNA linear PAT 17-AUG-2003
LOCUS AR359804 Sequence 3 from patent US 6593466.
DEFINITION AR359804
ACCESSION AR359804
VERSION AR359804.1 GI:33766602
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.D., Prakash,T.P. and Mohan,V.
TITLE Guanidinium functionalized nucleotides and precursors thereof
JOURNAL Patent: US 6593466-A 3 15-JUL-2003;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred.No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATTCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1108
AR359805/C 19 bp DNA linear PAT 17-AUG-2003
LOCUS AR359805 Sequence 4 from patent US 6593466.
DEFINITION AR359805
ACCESSION AR359805
VERSION AR359805.1 GI:33766603
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.D., Prakash,T.P. and Mohan,V.
TITLE Guanidinium functionalized nucleotides and precursors thereof
JOURNAL Patent: US 6593466-A 4 15-JUL-2003;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred.No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATTCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1109
AR359806/C 19 bp DNA linear PAT 17-AUG-2003
LOCUS AR359806 Sequence 5 from patent US 6593466.
DEFINITION AR359806
ACCESSION AR359806
VERSION AR359806.1 GI:33766604
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.D., Prakash,T.P. and Mohan,V.

TITLE Guanidinium functionalized nucleotides and precursors thereof
JOURNAL Patent: US 6593466-A 5 15-JUL-2003;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1110
AR367447/c 19 bp DNA linear PAT 12-SEP-2003
LOCUS AR367447
DEFINITION Sequence 4 from patent US 6329519.
ACCESSION AR367447
VERSION AR367447.1 GI:34600659
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 19)
AUTHORS Collingwood,S.P., Moser,H.E., Altmann,K.-H. and Douglas,M.E.
TITLE Intermediates for oligonucleotide synthesis
JOURNAL Patent: US 6329519-A 4 11-DEC-2001;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1111
AR373577/c 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR373577
DEFINITION Sequence 12 from patent US 6602850.
ACCESSION AR373577
VERSION AR373577.1 GI:40075706
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 19)
AUTHORS Levitt,R.C., Grasso,L., Nicolaides,N.C. and Holroyd,K.J.
TITLE Method of creating asthma using soluble IL-9 receptor variants
JOURNAL Patent: US 6602850-A 12 05-AUG-2003;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4244 TCCATCCTGAGAGTCAC 4262
Db 19 TCAATCTGGGAACTCAC 1

RESULT 1112

AR393850/c 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR393850
DEFINITION Sequence 39 from patent US 6617137.
ACCESSION AR393850
VERSION AR393850.1 GI:40120936
KEYWORDS
SOURCE Unknown.

REFERENCE 1 (bases 1 to 19)
AUTHORS Dean,F.B. and Laeken,R.S.
TITLE Method of amplifying whole genomes without subjecting the genome to denaturing conditions
JOURNAL Patent: US 6617137-A 39 09-SEP-2003;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1123 GCTCCTGGAGCCCAATGCG 1141
Db 19 GCTCCTGGAGCTCAATGTC 1

RESULT 1113
AR399177/c 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR399177
DEFINITION Sequence 17 from patent US 6617442.
ACCESSION AR399177
VERSION AR399177.1 GI:40137667
KEYWORDS
SOURCE Unknown.

REFERENCE 1 (bases 1 to 19)
AUTHORS Crooke,S.T., Lima,W.F., Wu,H. and Monoharan,M.
TITLE Human RNase H1 and oligonucleotide compositions thereof
JOURNAL Patent: US 6617442-A 17 09-SEP-2003;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1114
AR399178/c 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR399178
DEFINITION Sequence 18 from patent US 6617442.
ACCESSION AR399178
VERSION AR399178.1 GI:40137669
KEYWORDS
SOURCE Unknown.

REFERENCE 1 (bases 1 to 19)
AUTHORS Crooke,S.T., Lima,W.F., Wu,H. and Monoharan,M.
TITLE Human RNase H1 and oligonucleotide compositions thereof
JOURNAL Patent: US 6617442-A 18 09-SEP-2003;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"

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Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1115
AR403601/c AR403601 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR403601 Sequence 1 from patent US 6624294.
ACCESSION AR403601
VERSION AR403601.1 GI:40151187
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 19)
TITLE Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
JOURNAL Prakash,T.P.
FEATURES Regionselective synthesis of 2'-O-modified nucleosides
source Patent: US 6624294-A 1 23-SEP-2003;
Location/Qualifiers
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/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1116
AR403602/c AR403602 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR403602 Sequence 2 from patent US 6624294.
ACCESSION AR403602
VERSION AR403602.1 GI:40151188
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 19)
TITLE Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
JOURNAL Prakash,T.P.
FEATURES Regionselective synthesis of 2'-O-modified nucleosides
source Patent: US 6624294-A 2 23-SEP-2003;
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1117
AR403603/c AR403603 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR403603 Sequence 3 from patent US 6624294.
DEFINITION
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ACCESSION AR403603
VERSION AR403603.1 GI:40151189
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 19)
TITLE Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
JOURNAL Prakash,T.P.
FEATURES Regionselective synthesis of 2'-O-modified nucleosides
source Patent: US 6624294-A 3 23-SEP-2003;
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1118
AR403604/c AR403604 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR403604 Sequence 4 from patent US 6624294.
ACCESSION AR403604
VERSION AR403604.1 GI:40151190
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 19)
TITLE Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
JOURNAL Prakash,T.P.
FEATURES Regionselective synthesis of 2'-O-modified nucleosides
source Patent: US 6624294-A 4 23-SEP-2003;
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1119
AR403605/c AR403605 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR403605 Sequence 5 from patent US 6624294.
ACCESSION AR403605
VERSION AR403605.1 GI:40151191
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 19)
TITLE Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
JOURNAL Prakash,T.P.
FEATURES Regionselective synthesis of 2'-O-modified nucleosides
source Patent: US 6624294-A 5 23-SEP-2003;
Location/Qualifiers
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/organism="unknown"
/mol_type="genomic DNA"
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1120
AR403606/c 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR403606 Sequence 6 from patent US 6624294.
DEFINITION AR403606
ACCESSION AR403606.1 GI:40151192
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
TITLES Prakash,T.P.
JOURNAL Regioselective synthesis of 2'-O-modified nucleosides
FEATURES Patent: US 6624294-A 6 23-SEP-2003;
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1121
AR403607/c 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR403607 Sequence 7 from patent US 6624294.
DEFINITION AR403607
ACCESSION AR403607
VERSION AR403607.1 GI:40151193
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
TITLES Prakash,T.P.
JOURNAL Regioselective synthesis of 2'-O-modified nucleosides
FEATURES Patent: US 6624294-A 7 23-SEP-2003;
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1122
AR403608/c 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR403608 Sequence 8 from patent US 6624294.
DEFINITION AR403608
ACCESSION AR403608

VERSION AR403608.1 GI:40151194
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
TITLES Prakash,T.P.
JOURNAL Regioselective synthesis of 2'-O-modified nucleosides
FEATURES Patent: US 6624294-A 8 23-SEP-2003;
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1123
AR403612/c 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR403612 Sequence 12 from patent US 6624294.
DEFINITION AR403612
ACCESSION AR403612
VERSION AR403612.1 GI:40151198
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
TITLES Prakash,T.P.
JOURNAL Regioselective synthesis of 2'-O-modified nucleosides
FEATURES Patent: US 6624294-A 12 23-SEP-2003;
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1124
AR403613/c 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR403613 Sequence 14 from patent US 6624294.
DEFINITION AR403613
ACCESSION AR403613
VERSION AR403613.1 GI:40151199
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
TITLES Prakash,T.P.
JOURNAL Regioselective synthesis of 2'-O-modified nucleosides
FEATURES Patent: US 6624294-A 14 23-SEP-2003;
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1125
LOCUS AR403614 19 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 15 from patent US 6624294.
ACCESSION AR403614
VERSION AR403614.1 GI:40151200
KEYWORDS
SOURCE .
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6624294-A 15 23-SEP-2003;
FEATURES
source Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1126
LOCUS AR403623 19 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 25 from patent US 6624294.
ACCESSION AR403623
VERSION AR403623.1 GI:40151209
KEYWORDS
SOURCE .
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6624294-A 25 23-SEP-2003;
FEATURES
source Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1127
LOCUS AR412338 19 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 1 from patent US 6639061.
ACCESSION AR412338
VERSION AR412338.1 GI:40167448

KEYWORDS .
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.D., Manoharan,M., Maier,M. and An,H.
TITLE C3'-methylene hydrogen phosphate oligomers and related compounds
JOURNAL Patent: US 6639061-A 1 28-OCT-2003;
FEATURES
source Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1128
LOCUS AR432616 19 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 6 from patent US 6653458.
ACCESSION AR432616
VERSION AR432616.1 GI:40195149
KEYWORDS
SOURCE .
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.D. and Guinasso,C.J.
TITLE Modified oligonucleotides
JOURNAL Patent: US 6653458-A 6 25-NOV-2003;
FEATURES
source Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1129
LOCUS AR451262 19 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 5 from patent US 6673912.
ACCESSION AR451262
VERSION AR451262.1 GI:42682240
KEYWORDS
SOURCE .
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M. and Cook,P.D.
TITLE 2'-O-aminoethylxyethyl-modified oligonucleotides
JOURNAL Patent: US 6673912-A 5 06-JAN-2004;
FEATURES
source Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;


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QY      5393 AAAAAAAAAACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1130
LOCUS   AR451282                19 bp   DNA       linear   PAT 20-FEB-2004
DEFINITION Sequence 26 from patent US 6673912.
ACCESSION AR451282
VERSION  AR451282.1  GI:42682260
KEYWORDS
SOURCE   Unknown.
ORGANISM
REFERENCE
1 (bases 1 to 19)
AUTHORS  Manoharan,M. and Cook,P.D.
TITLE    2'-O-aminoethylloxethyl-1-modified oligonucleotides
JOURNAL  Patent: US 6673912-A 26 06-JAN-2004;
FEATURES
source   Location/Qualifiers
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/mol_type="genomic DNA"

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1131
LOCUS   AR451483                19 bp   DNA       linear   PAT 20-FEB-2004
DEFINITION Sequence 128 from patent US 6673917.
ACCESSION AR451483
VERSION  AR451483.1  GI:42682508
KEYWORDS
SOURCE   Unknown.
ORGANISM
REFERENCE
1 (bases 1 to 19)
AUTHORS  Kornbluk,R.G., LaCasse,E., Baird,S., Holcik,M. and Young,S.
TITLE    Antisense IAP nucleic acids and uses thereof
JOURNAL  Patent: US 6673917-A 128 06-JAN-2004;
FEATURES
source   Location/Qualifiers
1..19
/mol_type="genomic DNA"
/mol_type="genomic DNA"

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      564 GTTCTGAGAGAGAGAG 582
Db      1 GTTACTGAGAGAGAGAAAG 19

RESULT 1132
LOCUS   AX035960                19 bp   DNA       linear   PAT 15-NOV-2000
DEFINITION Sequence 21 from Patent EP1035207.
ACCESSION AX035960
VERSION  AX035960.1  GI:11191499
KEYWORDS
SOURCE   Synthetic construct
ORGANISM
REFERENCE
1
AUTHORS  Margardt,A. and Weber,B.H.

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TITLE      Cdna molecules of the members of gene family encoding human fatty
JOURNAL    acid desaturases and their use in diagnosis and therapy
PATENT     Patent: EP 1035207-A 21 13-SEP-2000;
FEATURES
source     MOLTIGENE BIOTECH GMBH (DE)
1..19
Location/Qualifiers
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/mol_type="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="Description of Artificial Sequence: Primer"

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4104 GGAGAGCCAGCCAGGCTG 4122
Db      1 GAGAAACCCAGCCAGGATG 19

RESULT 1133
LOCUS   AX037377                19 bp   DNA       linear   PAT 16-NOV-2000
DEFINITION Sequence 2 from Patent W00056922.
ACCESSION AX037377
VERSION  AX037377.1  GI:11226802
KEYWORDS
SOURCE   Synthetic construct
ORGANISM
REFERENCE
1
AUTHORS  Norberg,L.T., Olafsson,E., Jonsson,L., Lindstrom,P.H. and
Sandberg,R.
TITLE    Genetic polymorphism and polymorphic pattern for assessing disease
JOURNAL  status, and compositions for use thereof
PATENT   Patent: WO 0056922-A 2 28-SEP-2000;
NORBERG LEIF TORBJORN (SE) ; OLAFSSON ERIK (SE) ; JONSSON LENA (SE)
; GEMINI GENOMICS AB (SE) ; LINDSTROM PER HARRY RUTGER (SE) ;
SANDERS RHANNOX (SE)
FEATURES
source     Location/Qualifiers
1..19
/mol_type="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="Oligonucleotide primer"

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1553 CCAGGAGGTGAAGAGAC 1571
Db      1 CCAGGAGGTGAAGAAATC 19

RESULT 1134
LOCUS   AX129578                19 bp   DNA       linear   PAT 15-MAY-2001
DEFINITION Sequence 796 from Patent W00130362.
ACCESSION AX129578
VERSION  AX129578.1  GI:14135883
KEYWORDS
SOURCE   Homo sapiens (human)
ORGANISM
REFERENCE
1
AUTHORS  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
TITLE    Robbins,J.M. and Trletz,R.
JOURNAL  Ribozyme therapy for the treatment of proliferative skin and eye
diseases
PATENT   Patent: WO 0130362-A 796 03-MAY-2001;
IMMUSOL, INC. (US)
FEATURES
source     Location/Qualifiers

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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="CDK7 ribozyme binding site"

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2259 CTGGCAAAAAGACCCCT 2277
19 CTGGCAAAAAGACCCCT 1

RESULT 1135
AX164517 19 bp DNA linear PAT 22-JUN-2001
LOCUS AX164517
DEFINITION Sequence 347 from Patent WO0138564.
ACCESSION AX164517
VERSION AX164517.1 GI:14545451
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
1 Rouleau,G.A., Lafreniere,R.G., Rochefort,D., Cossette,P. and
Ragdale,D.
TITLE Loci for idiopathic generalized epilepsy, mutations thereof and
method using same to assess, diagnose, prognose or treat epilepsy
JOURNAL Patent: WO 0138564-A 347 31-MAY-2001;
McGill University (CA)
FEATURES
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic oligonucleotide"

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3954 CTGGATGTGGCAGGCGCT 3972
19 CAGGATGTGGCAGGCGCT 1

RESULT 1136
AX229742 19 bp DNA linear PAT 11-SEP-2001
LOCUS AX229742
DEFINITION Sequence 12 from Patent WO0162964.
ACCESSION AX229742
VERSION AX229742.1 GI:15591954
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
1 Winney,S.U., Halder,N., Wojnarowski,F.U. and Welsh,K.N.
AUTHORS A genetic determinant for malignant melanoma
JOURNAL Patent: WO 0162964-A 12 30-AUG-2001;
Isis Innovation Limited (GB)
FEATURES
source
1..19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer XPD exon 6 consensus"

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy 4812 AAGTATCAACACGACCCCT 4830
1 AAGTATGGGACACGACCCCT 19

RESULT 1137
AX268098 19 bp DNA linear PAT 26-OCT-2001
LOCUS AX268098
DEFINITION Sequence 8 from Patent WO0164736.
ACCESSION AX268098
VERSION AX268098.1 GI:16516606
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
1 Crisanti-Iassiaz,P.
AUTHORS Novel compounds useful for controlling cell proliferation and/or
TITLE differentiation, and biological applications thereof
JOURNAL Patent: WO 0164736-A 8 07-SEP-2001;
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)
(FR)
FEATURES
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR primer"

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1621 TTCAGCTGCGAGAGCTG 1639
1 TTCAGCTGCTGGAGACTGG 19

RESULT 1138
AX349249 19 bp DNA linear PAT 06-FEB-2002
LOCUS AX349249
DEFINITION Sequence 33 from Patent WO0202810.
ACCESSION AX349249
VERSION AX349249.1 GI:18615281
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
1 Bickel,R., Ehrlich,T., Ellinger,T., Ermantraut,E., Kaiser,T.,
AUTHORS Schulz,T. and Wanner,G.
TITLE Method for qualitative and/or quantitative detecting of molecular
interactions on probe arrays
JOURNAL Patent: WO 0202810-A 33 10-JAN-2002;
Clontech Chip Technologies GmbH (DE)
FEATURES
source
1..19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide"

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAA 5411
19 AAAAAAAAAAAAAAAAAA 1

RESULT 1139
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AX378428
LOCUS AX378428 19 bp DNA linear PAT 18-MAR-2002
DEFINITION Sequence 217 from Patent WO0206525.
ACCESSION AX378428
VERSION AX378428.1 GI:19574281
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
1 Cohen, D., Blumenfeld, M., Chumakov, I., Abdeerahim, H. and Bihahn, B. Obesity associated bilateral marker maps
PATENT: WO 0206525-A 217 24-JAN-2002;
JOURNAL GENSET (FR)

FEATURES
source
1. 19
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
1. 19
/note="upstream amplification primer 99-27001 for SEQ 46"

primer_bind
1. 19
/note="upstream amplification primer 99-27001 for SEQ 46"

Query Match
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2122 ATGACCGGAGGAGAAAC 2140
Db 1 ATGACCGGAGGAGAAATAC 19

RESULT 1140
AX412028 19 bp DNA linear PAT 14-JUN-2002
LOCUS AX412028
DEFINITION Sequence 128 from Patent WO0226968.
ACCESSION AX412028
VERSION AX412028.1 GI:21444493
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
1 Korneluk, R.G., Lacasse, E., Baird, S., Holcik, M. and Young, S. Antisense lap nucleic acids and uses thereof
PATENT: WO 0226968-A 128 04-APR-2002;
JOURNAL University of Ottawa (CA) ; Aegera Therapeutics Inc. (CA)

FEATURES
source
1. 19
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="based on Homo sapiens"

Query Match
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 564 GTTCCTGAGAGAGAGAG 582
Db 1 GTTACTGAGAGAGAGAG 19

RESULT 1141
AX544272 19 bp DNA linear PAT 23-NOV-2002
LOCUS AX544272
DEFINITION Sequence 96 from Patent WO0244426.
ACCESSION AX544272
VERSION AX544272.1 GI:25277845
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
1 Nunez, G., Inohara, N., Ogura, Y., Cho, J., Nicolae, D.L. and Bonen, D. Nod2 nucleic acids and proteins
PATENT: WO 0244426-A 96 06-JUN-2002;
JOURNAL THE REGENTS OF THE UNIVERSITY OF MICHIGAN (US) ; The University of Chicago (US)

FEATURES
source
1. 19
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic"

Query Match
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1611 TGTCTTCTACTTCAGCTGC 1629
Db 19 TGTCTTCCATTCAGCTGC 1

RESULT 1142
AX713059 19 bp DNA linear PAT 11-APR-2003
LOCUS AX713059
DEFINITION Sequence 4 from Patent WO03018631.
ACCESSION AX713059
VERSION AX713059.1 GI:29823661
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
1 Barske, C., Prentzel, S., Kaupmann, K., Mir, A.K. and Sommer, B.U. Nogo receptor homologues and their use
PATENT: WO 03018631-A 4 06-MAR-2003;
JOURNAL Novartis AG (CH) ; Novartis-Erfindungen Verwaltungsgesellschaft m.b.H. (AT)

FEATURES
source
1. 19
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
1. 19
/note="Primer 2"

primer_bind
1. 19
/note="Primer 2"

Query Match
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 868 GTGCTGATGCGCTGATCC 886
Db 1 GTGCTGATGCGCTGATCC 19

RESULT 1143
AX938382 19 bp DNA linear PAT 06-JAN-2004
LOCUS AX938382
DEFINITION Sequence 12 from Patent EP1359158.
ACCESSION AX938382
VERSION AX938382.1 GI:40713971
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
1 Kaiser, S., Plath, T., Hinzmann, B. and Rosenthal, A. TTP-p8 splice variants and regulatory RNA
PATENT: EP 1359158-A 12 05-NOV-2003;
JOURNAL metagen Pharmaceuticals GmbH (DE)

FEATURES
source
1. 19
Location/Qualifiers

/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1803 TCTGCACTGAGCGACCA 1821
DB 19 TCTGTCATGAGCGACCA 1

RESULT 1144
LOCUS BD075129 19 bp DNA linear PAT 27-AUG-2002
DEFINITION Methods for assessing cardiovascular status and compositions for use thereof.
ACCESSION BD075129 GI:22620732
VERSION BD075129.1
KEYWORDS JP 2001519660-A/2.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 19)
AUTHORS Norberg,L.T., Andersson,M.K. and Lindstrom,P.H.R.
TITLE Methods for assessing cardiovascular status and compositions for use thereof
JOURNAL Patent: JP 2001519660-A 2 23-OCT-2001;
COMMENT EURONA MEDICAL AB
OS Artificial Sequence
PN JP 2001519660-A/2
PD 23-OCT-2001
PR 01-APR-1998 JP 1998542530
PR 04-APR-1997 US 60/042930
PI LEIF TORBJORN NORBERG,MARIA KRISTINA ANDERSSON,PER HARRY PI RUTGER LINDSTROM
PC C12Q1/68,C07K14/72,C07K14/575,C12N9/48
CC Description of Artificial Sequence: PCR PRIMER FH Key
LOCATION/Qualifiers
FT source 1..19
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source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1553 CCAGCGAGTGAAGGAGC 1571
DB 1 CAGGAGGTGAAGAAATC 19

RESULT 1145
LOCUS BD087505/c 19 bp DNA linear PAT 27-AUG-2002
DEFINITION Self-assembling microelectronic integration system capable of designating self address, compartment device, mechanism, method and operation for molecular biological analysis and diagnosis.
ACCESSION BD087505
VERSION BD087505.1 GI:22633115
KEYWORDS JP 2001525193-A/16.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 19)
AUTHORS Sosnowski,R.G., Butler,W.F., Tu,E., Nerenberg,M.I., Heller,M.J. and Edman,C.F.
TITLE Self-assembling microelectronic integration system capable of

designating self address, compartment device, mechanism, method and operation for molecular biological analysis and diagnosis
Patent: JP 2001525193-A 16 11-DEC-2001;
NANOGEN INC
JOURNAL

COMMENT
OS Artificial Sequence
PN JP 2001525193-A/16
PD 11-DEC-2001
PR 01-DEC-1998 JP 2000524303
PR 05-DEC-1997 US 08/986065
PI RONALD G SOSNOWSKI,WILLIAM F BUTLER,EUGENE TU,MICHAEL I PI NERENBERG,
MICHAEL J HELLER,CARL F EDMAN
PC C12Q1/68,C12N15/09,C12N15/00
CC Description of Artificial Sequence: Amine conjugate to provide reactivity
CC with dyes
FH Key Location/Qualifiers
FT source 1..19
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source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1146
LOCUS BD089801 19 bp DNA linear PAT 27-AUG-2002
DEFINITION A method of arraying genome clone.
ACCESSION BD089801
VERSION BD089801.1 GI:22635411
KEYWORDS JP 2001321190-A/2045.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 19)
AUTHORS Soeda,R.
TITLE A method of arraying genome clone
JOURNAL THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA GENOTECHS
COMMENT OS Artificial Sequence
PN JP 2001321190-A/2045
PD 20-NOV-2001
PR 12-MAR-2001 JP 2001068285
PI HIICHI SOEDA
PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566,PC C12N15/00
CC Description of Artificial Sequence:Synthetic DNA FH Key
LOCATION/Qualifiers
FT source 1..19
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source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY	1388	CCAGAGCCAGATCCCT	1406
Db	19	CCAGATGCCAGATCCCT	1
RESULT 1147			
ATH526966			
LOCUS			
DEFINITION	19 bp	DNA	linear PLN 29-MAR-2003
ACCESSION	Arabidopsis thaliana T-DNA flanking sequence, left border, clone		
VERSION	AJ526966		
KEYWORDS	left border; T-DNA flanking sequence.		
SOURCE	Arabidopsis thaliana (chale crese)		
ORGANISM	Arabidopsis thaliana		
REFERENCE	Arabidopsis thaliana		
AUTHORS	1		
TITLE	Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Bechold, N., Cruaud, C., Dekose, R., Pelletier, G., Lepiniec, L., Caboche, M. and Leclercq, A.		
JOURNAL	T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites		
MEDLINE	EMBO Rep. 3 (12), 1152-1157 (2002)		
PUBMED	22363535		
REFERENCE	2 (bases 1 to 19)		
AUTHORS	Balzergue, S.		
TITLE	Direct Submission		
JOURNAL	Submitted (21-NOV-2002) Balzergue S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE		
COMMENT	PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment (s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at http://dbgsag.versailles.inra.fr/publiclines/ . This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (http://www.genoplante.com and http://genoplante-info.infobioleg.fr).		
FEATURES	Location/Qualifiers		
source	1..19		
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	/culivar="Wassiljowskija"		
	/db_xref="taxon:3702"		
	/clone="130A05"		
	/clone_1lb="Arabidopsis thaliana T-DNA insertion lines"		
	1..19		
	/note="T-DNA flanking sequence		
	left border"		
Query Match	0.3%	Score 14.2	DB 1
Best Local Similarity	84.2%	Pred.No. 7.3e+02	
Matches	16	Conservative 0	Mismatches 3
		Indels 0	Gaps 0
QY	5357	TATTAATTAAATTTT	5375
Db	1	TACAAATTAAAGCTTT	19
RESULT 1148			
ATH527027			
LOCUS			
DEFINITION	19 bp	DNA	linear PLN 29-MAR-2003
ACCESSION	Arabidopsis thaliana T-DNA flanking sequence, left border, clone		
VERSION	AJ527027		
KEYWORDS	left border; T-DNA flanking sequence.		
SOURCE	Arabidopsis thaliana (chale crese)		

ORGANISM	Arabidopsis thaliana					
REFERENCE	Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsi.					
AUTHORS	Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Bechtold, N., Craud, C., Derose, R., Pelletier, G., Lepoint, L., Caboche, M. and Leclercq, A.					
TITLE	T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites					
JOURNAL	EMBO Rep. 3 (12), 1152-1157 (2002)					
MEDLINE	22363535					
PUBMED	12446565					
REFERENCE	2 (bases 1 to 19)					
AUTHORS	Balzergue, S.					
TITLE	Direct Submision					
JOURNAL	Submitted (21-NOV-2002) Balzergue S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE					
COMMENT	PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at http://dbsgip.versailles.inra.fr/publiclines/. This sequence has been generated in the framework of the French plant genomes program 'Genoplante' (http://www.genoplante.com and http://genoplante-info.infobiogen.fr). location/Qualifiers					
FEATURES	1..19					
SOURCE	/organism="Arabidopsis thaliana"					
	/mol_type="genomic DNA"					
	/cultivar="Massillowskija"					
	/db_xref="taxon:3702"					
	/clone="131B09"					
misc_feature	1..19 "Arabidopsis thaliana T-DNA insertion lines"					
	/note="T-DNA flanking sequence					
	left border"					
Query Match	0.3%	Score 14.2;	DB 1;	Length 19;		
Best Local Similarity	84.2%;	Pred. No. 7.3e+02;				
Matches	16;	Conservative	0;	Mismatches	3;	Indels
Gaps	0;					
Cy	5357	TATAATTAAATTTT	5375			
Dn	1	TACCAATTAAAGCTTTT	19			
RESULT 1149						
AB068728/c						
LOCUS	AB068728 19 bp DNA linear SYN 21-MAY-2003					
DEFINITION	Synthetic construct DNA, forward primer for human STS sts-D15507 at					
ACCESSION	1936.					
VERSION	AB068728					
KEYWORDS	AB068728.1 GI:15129532					
SOURCE	synthetic construct					
ORGANISM	artificial sequences.					
REFERENCE	1					
AUTHORS	Chen, Y.-Z., Hayashi, Y., Wu, J.-G., Takaka, E., Maekawa, K., Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H., Morohashi, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A. and Seede, E.					
TITLE	A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36					
JOURNAL	Genomics 74 (1), 55-70 (2001)					
MEDLINE	21269192					
PUBMED	11374902					
REFERENCE	2 (bases 1 to 19)					
AUTHORS	Horii, A.					

TITLE Direct Submission
JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Setryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
FEATURES
source
1. .19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
misc_feature
1. .19
/note="forward primer for human STS sts-DIS507 at 1936 sts-DIS507 obtained from clones B351N1, B186G8, B186H7, B39F12, Human BAC library RPCI-11"
Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1388 CCAGAGCCAGATCCCT 1406
Db 19 CCAGTCCAGATCCCT 1
RESULT 1150
BD184614/c 20 bp DNA linear PAT 17-JUN-2003
LOCUS Method and detector for identifying subtypes of human papilloma
DEFINITION
ACCESSION BD184614.1 GI:31876814
KEYWORDS JP 2002360271-A/593.
VERSION synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
1 |bases 1 to 20|
AUTHORS Ling,C., Lin,R., Yoo,Z., Huang,X., Lee,B., Lee,S., Lin,Y., Huang,C., Hsu,H., Shi,C., Yeh,C., Cao,Y. and Pan,C.
TITLE Method and detector for identifying subtypes of human papilloma
JOURNAL Patent: JP 2002360271-A 593 17-DEC-2002;
COMMENT
OS Artificial Sequence
PN JP 2002360271-A/593
PD 17-DEC-2002
PF 28-NOV-2001 JP 2001362595
PR 04-MAY-2001 TW 90110785
PI CHING-YEE LING, RUEY-WEN LIN, ZHOU-MENG YOO, XIN-HSUAN HUANG, BOW-PI HANG LEE,
PI SHENG-HSIUNG LEE, YI-JU LIN, CI-CHUNG HUANG, HAN-CHANG HSU, CHA-PI WEN SHI,
PI CHIH-XIN YEH, YI-FENG CAO, CHIH-LONG PAN
PC C12N15/09, C12N15/09, C12M1/34, C12Q1/04, C12Q1/42, C12Q1/68 PC
C12Q1/70 G01N21/64,
PC G01N33/53, G01N33/574, G01N33/58, G01N37/00//C12M1/34, C12N1/93),
CC C12Q1/70, C12R1/93), C12N15/00, C12N15/00
Oligonucleotide M830402 for identifying HPV CP8034. FH Key
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1. .20
/organism="Artificial Sequence".
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Best Local Similarity 84.2%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 2110 CTGATGACGAGATGAAGC 2128
Db 19 CTGACGACGAGATGAAGC 1

RESULT 1151
AX742761/c 20 bp DNA linear PAT 12-MAY-2003
LOCUS Sequence 564 from Patent EP1302550.
DEFINITION
ACCESSION AX742761.1 GI:30576750
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 | Lin,C.Y., Lin,R.W., You,C.M., Huang,H.H., Lee,B.H., Lee,H.H., Lin,Y.J., Fan,C.C., Hsu,H.C., Shih,C.W., Yeh,C.H., Kao,Y.F., Pan,C.L. and Chan,P.
AUTHORS
TITLE Method and detector for identifying subtypes of human papilloma
JOURNAL Patent: EP 1302550-A 564 16-APR-2003;
King Car Food Industrial Co., Ltd. (TW)
FEATURES
source
1. .20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide for Identifying HPV CP8034"
Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 2110 CTGATGACGAGATGAAGC 2128
Db 19 CTGACGACGAGATGAAGC 1
RESULT 1152
A23230/c 20 bp DNA linear PAT 30-NOV-1994
LOCUS A23230
DEFINITION Oligonucleotide (NO:18).
ACCESSION A23230
VERSION A23230.1 GI:641670
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 |bases 1 to 20|
AUTHORS Jeffreys,A.J.
TITLE Method of characterising genomic DNA
JOURNAL Patent: EP 0530009-A 18 03-MAR-1993;
IMPERIAL CHEMICAL INDUSTRIES PLC; ZENECA LIMITED
FEATURES
source
1. .20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 4841 GTCTGGCTTGGCTGACC 4859
Db 19 GACCTGGCTTGGCTGACC 1
RESULT 1153
A62106 20 bp DNA linear PAT 09-MAR-1998
LOCUS A62106
DEFINITION Sequence 6 from Patent WO9712970.
ACCESSION A62106
VERSION A62106.1 GI:3716151
KEYWORDS
SOURCE unidentified

ORGANISM unidentified
unclassified.

REFERENCE 1
AUTHORS Balmain,A. and Zhu,J.
TITLE ANTITUMOUR VECTOR CONSTRUCTS AND METHODS
JOURNAL Patent: WO 9712970-A 6 10-APR-1997;
CANCER RES CAMPAIGN TECH (GB)
COMMENT Other publication AU 7138696 970428
Other publication GB 2305920 970423.
FEATURES
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1. .20
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2093 GGCTGGCTGCACTTGCT 2111
DB 2 GACTTGCTGCACTTGCT 20

RESULT 1154
LOCUS A65901 20 bp DNA linear PAT 29-MAR-1999
DEFINITION Sequence 14 from Patent WO9738114.
ACCESSION A65901
VERSION A65901.1 GI:4537902
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Fontana,A., Constam,D.B., Tobler,A.R., Altmann,K. and Schlapbach,R.
TITLE PUNOMYCIN-SENSITIVE AMINOPEPTIDASES
JOURNAL Patent: WO 9738114-A 14 16-OCT-1997;
CIBA GEIGY AG (CH)
COMMENT Other publication AU 5686896 19971029.
FEATURES
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 935 GACAGCTGCCTGACACATC 953
DB 1 GGCAGCTGCCAGCCACATC 19

RESULT 1155
LOCUS A71396 20 bp DNA linear PAT 07-MAY-1999
DEFINITION Sequence 7 from Patent WO9810094.
ACCESSION A71396
VERSION A71396.1 GI:4775010
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Serio,M., Orlando,C., Pazzagli,M. and Sestini,R.
TITLE PLASMIDS CONTAINING TWO OR MORE COMPETITORS IN SEQUENCE AND THEIR
APPLICATION IN COMPETITIVE-PCR TECHNIQUES
JOURNAL Patent: WO 9810094-A 7 12-MAR-1998;
SERIO MARIO (IT)
COMMENT Other publication IT F1960208 19980305.
FEATURES
location/Qualifiers

source 1. .20
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2502 TGGATACATGGCCCTGTT 2520
DB 19 TGAATACCTGGCCTGTGT 1

RESULT 1156
LOCUS AR005021 20 bp DNA linear PAT 04-DEC-1998
DEFINITION Sequence 8 from patent US 5747329.
ACCESSION AR005021
VERSION AR005021.1 GI:3965900
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Meister,A., Huang,C.-S. and Anderson,M.B.
TITLE Glutamylycysteine synthetase light subunit
JOURNAL Patent: US 5747329-A 8 05-MAY-1998;
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1. .20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5230 TACAGAGAGTCTACAGA 5248
DB 2 TCAGAGAGCTCTTACAGA 20

RESULT 1157
LOCUS AR021357 20 bp DNA linear PAT 05-DEC-1998
DEFINITION Sequence 8 from patent US 5789573.
ACCESSION AR021357
VERSION AR021357.1 GI:3975972
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Baker,B., Bennett,C., Frank. and Anderson,K.P.
TITLE Antisense inhibition of ICAM-1, E-selectin, and CMV IRI/IE2
JOURNAL Patent: US 5789573-A 8 04-AUG-1998;
FEATURES
source
1. .20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4099 CTCCTGAGAGCCAGCCA 4117
DB 19 CGCTGAGAGCCAGCCA 1

RESULT 1158
LOCUS AR029547 20 bp DNA linear PAT 29-SEP-1999

DEFINITION Sequence 57 from patent US 5859336.
ACCESSION AR029547
VERSION AR029547.1 GI:5941520
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Koziel,M.G., Desai,N.M., Lewis,K.S., Warren,G.W., Evola,S.V., Crossland,L.D., Wright,M.S., Meriin,E.J., Lunnis,K.L., Bowman,C.G., Dawson,J.L., Dunder,S.M., Pace,G.M. and Suttie,J.L.
TITLE Synthetic DNA sequence having enhanced activity in maize
JOURNAL Patent: US 5859336-A 57 12-JAN-1999;
FEATURES
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3113 ACCAGACCTGACCGGCT 3131
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Db 2 AGCTGACCTGACCGCT 20
| | | | | | | | | | | | | | | | | | | | | |

RESULT 1159
LOCUS AR036870 20 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1 from patent US 5800990.
ACCESSION AR036870
VERSION AR036870.1 GI:5954726
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Raynolds,M.V. and Perryman,M.Benjamin.
TITLE Angiotensin-converting enzyme genetic variant screens
JOURNAL Patent: US 5800990-A 1 01-SEP-1998;
FEATURES
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGAGC 2659
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Db 2 CTGCCGCTGCTGCTGCTGC 20
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RESULT 1160
LOCUS AR040862 20 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 18 from patent US 5811235.
ACCESSION AR040862
VERSION AR040862.1 GI:5961358
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Jeffreys,A.John.
TITLE Method of characterisation
JOURNAL Patent: US 5811235-A 18 22-SEP-1998;
FEATURES
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4841 GTCTGGCTTTGGCTGACC 4859
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Db 19 GACCTGGCTTTGGCTGTCC 1
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RESULT 1161
LOCUS AR043108 20 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 11 from patent US 5814448.
ACCESSION AR043108
VERSION AR043108.1 GI:5964116
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Silverstein,S.J., Langu,O. and Wright,T.C. Jr.
TITLE Polymerase chain reaction/restriction fragment polymorphism method for the detection and typing of human papillomaviruses
JOURNAL Patent: US 5814448-A 11 29-SEP-1998;
FEATURES
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1840 CTGGGACGTTGGCTGGGA 1858
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Db 20 CTGGCCAGGTGCTGGGA 2
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RESULT 1162
LOCUS AR054113 20 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 5 from patent US 5834587.
ACCESSION AR054113
VERSION AR054113.1 GI:5978975
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Chan,W., Bergema,D.J. and Ellis,C.E.
TITLE G-protein coupled receptor. HLTX 11
JOURNAL Patent: US 5834587-A 5 10-NOV-1998;
FEATURES
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2863 CCCACATGATGCTCTGT 2881
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Db 20 CCCGCCATGCGAGTCTGT 2
| | | | | | | | | | | | | | | | | | | | | |

RESULT 1163
LOCUS AR067017 20 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 365 from patent US 5851760.
ACCESSION AR067017
VERSION AR067017.1 GI:5998239

KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Evans,G.A. and Smith,M.W.
TITLE Method for generation of sequence sampled maps of complex genomes
JOURNAL Patent: US 5851760-A 365 22-DEC-1998;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1781 AGGAGCCGAGTTCTGAGCT 1799
DB 2 AGGAGCAGAGTTGTGGCT 20

RESULT 1164
LOCUS AR068394 20 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 18 from patent US 5853989.
ACCESSION AR068394
VERSION AR068394.1 GI:6000601
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Jeffrey,A.John., Little,S., Ferrie,R.Mark. and Brownie,J.
TITLE Method of characterization of genomic DNA
JOURNAL Patent: US 5853989-A 18 29-DEC-1998;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4841 GTCCTGGCTTTGGCTGACC 4859
DB 19 GACCTGGCTTGGCTGACC 1

RESULT 1165
LOCUS AR086257 20 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 78 from patent US 5985558.
ACCESSION AR086257
VERSION AR086257.1 GI:10013023
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Dean,N.M., McKay,R., Miragila,L. and Baker,B.
TITLE Antisense oligonucleotide compositions and methods for the inhibition of c-Jun and c-Fos
JOURNAL Patent: US 5985558-A 78 16-NOV-1999;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 339 TTCTCAGCAGTCCCTC 357
DB 1 TTCTCAGCAGTCCCTC 19

RESULT 1166
LOCUS AR086274 20 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 95 from patent US 5985558.
ACCESSION AR086274
VERSION AR086274.1 GI:10013040
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Dean,N.M., McKay,R., Miragila,L. and Baker,B.
TITLE Antisense oligonucleotide compositions and methods for the inhibition of c-Jun and c-Fos
JOURNAL Patent: US 5985558-A 95 16-NOV-1999;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 339 TTCTCAGCAGTCCCTC 357
DB 20 TTCTCAGCAGTCCCTC 2

RESULT 1167
LOCUS AR092032 20 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 56 from patent US 5998141.
ACCESSION AR092032
VERSION AR092032.1 GI:10018786
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Acton,S.Laurence.
TITLE Intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 5998141-A 56 07-DEC-1999;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1222 TGGGAGCGGTGTAGAA 1240
DB 19 TGGGAGCGGTGTAGAA 1

RESULT 1168
LOCUS AR093018 20 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 113 from patent US 5998383.
ACCESSION AR093018
VERSION AR093018.1 GI:10019770
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Wright,J.A. and Young,A.H.
TITLE Antitumor antisense sequences directed against ribonucleotide reductase
JOURNAL Patent: US 5998383-A 113 07-DEC-1999;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4802 TCAGCAGCTGAAGTATCAA 4820
Db 2 TCAGCAGCCCAAGTACTTA 20
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RESULT 1169
AR096477 AR096477 20 bp DNA linear PAT 08-SEP-2000
LOCUS Sequence 6 from patent US 6008014.
DEFINITION AR096477
ACCESSION AR096477
VERSION AR096477.1 GI:10025314
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Gimeno,C.J. and Acton,S.
JOURNAL Method of making lipid metabolic pathway compositions
FEATURES Patent: US 6008014-A 6 28-DEC-1999;
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3312 GCAGAACACCTGATGAC 3330
Db 2 GAAGAGAACCAAGATGAC 20
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RESULT 1170
AR098500 AR098500 20 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 57 from patent US 6075185.
DEFINITION AR098500
ACCESSION AR098500
VERSION AR098500.1 GI:12807757
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Koziel,M.G., Desai,N.M., Lewis,K.S., Warren,G.W., Evola,S.V., Wright,M.S., Launis,K.L., Rothstein,S.J., Bowman,C.G., Dawson,J.L., Dunder,B.M., Pace,G.W. and Sutcliffe,J.L.
JOURNAL Synthetic DNA sequence having enhanced insecticidal activity in maize
FEATURES Patent: US 6075185-A 57 13-JUN-2000;
source 1..20
Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3113 ACCAGACCTGACCGAGCT 3131
Db 2 AGCTGACCTGACCGTGCT 20
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RESULT 1171
AR098878 AR098878 20 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 13 from patent US 6077685.
DEFINITION AR098878
ACCESSION AR098878
VERSION AR098878.1 GI:12806644
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Trofater,J.A., Maccollin,M.M. and Gusejlla,J.F.
JOURNAL Tumor suppressor merlin and antibodies thereof
FEATURES Patent: US 6077685-A 13 20-JUN-2000;
source 1..20
Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 CTGGCCAGGCGAGTGAGG 1567
Db 2 CAGGCCAGGAGAGAGAGG 2
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|

RESULT 1172
AR100408 AR100408 20 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 139 from patent US 6080580.
DEFINITION AR100408
ACCESSION AR100408
VERSION AR100408.1 GI:12810856
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.
JOURNAL Antisense oligonucleotide modulation of tumor necrosis factor- α (TNF- α) expression
FEATURES Patent: US 6080580-A 139 27-JUN-2000;
source 1..20
Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 60 TGGGTTCTGAAGCCCAT 78
Db 2 TGAATTCGAAGCCCAT 20
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|

RESULT 1173
AR112167 AR112167 20 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 56 from patent US 6130041.
DEFINITION AR112167
ACCESSION AR112167
VERSION AR112167.1 GI:14092067
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)

AUTHORS Acton, S. Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses
therefor

JOURNAL Patent: US 6130041-A 56 10-OCT-2000;

FEATURES Location/Qualifiers
source 1..20
/mol_type="unknown"

/mol_type="unknown"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1222 TGCGCAGCGGTGTAGGAA 1240

Db 19 TGCGCTGGGCTGTGGGAA 1

RESULT 1174

LOCUS AR116451 20 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 32 from patent US 6133246.

ACCESSION AR116451

VERSION AR116451.1 GI:14096773

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS McKay, R., Dean, N., Monia, B.P., Nero, P.S. and Gaarde, W.A.

TITLE Antisense oligonucleotide compositions and methods for the

JOURNAL Patent: US 6133246-A 32 17-OCT-2000;

FEATURES Location/Qualifiers
source 1..20
/organism="unknown"

/mol_type="unknown"

QY 3749 ACGATGACTTCTGGGCC 3767

Db 2 ACGATGACTTCTGGGCC 20

RESULT 1175

LOCUS AR122218 20 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 64 from patent US 6165713.

ACCESSION AR122218

VERSION AR122218.1 GI:14106355

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Liskey, R.M., Bronner, C.Eric., Baker, S.M., Bollag, R.J. and

TITLE Kolodner, R.D.

JOURNAL Composition and methods relating to DNA mismatch repair genes

FEATURES Patent: US 6165713-A 64 26-DEC-2000;

source 1..20
/organism="unknown"

/mol_type="unknown"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 335 GGCTTTCTACGACTCC 353

|||||

Db 2 GGCTTTCTCCCCCTCC 20

RESULT 1176

LOCUS AR124510 20 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 79 from patent US 6171860.

ACCESSION AR124510

VERSION AR124510.1 GI:14109871

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Baker, B.F. and Cowert, L.M.

TITLE Antisense inhibition of rank expression

JOURNAL Patent: US 6171860-A 79 09-JAN-2001;

FEATURES Location/Qualifiers
source 1..20
/organism="unknown"

/mol_type="unknown"

QY 3598 CAGCTTATCTCAACTCC 3616

Db 19 CAGCTTATCTCAACTCC 1

RESULT 1177

LOCUS AR125307 20 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 7 from patent US 6177249.

ACCESSION AR125307

VERSION AR125307.1 GI:14113369

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Kwok, P.-Y. and Chen, X.

TITLE Method for nucleic acid analysis using fluorescence resonance

JOURNAL energy transfer

FEATURES Patent: US 6177249-A 7 23-JAN-2001;

Location/Qualifiers
source 1..20
/organism="unknown"

/mol_type="unknown"

QY 2555 TAAGTATGAGGGGAG 2573

Db 20 TAAGTATGAGGGGAG 2

RESULT 1178

LOCUS AR126622 20 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 51 from patent US 6180353.

ACCESSION AR126622

VERSION AR126622.1 GI:14113215

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Dean, N.M. and Cowert, L.M.

TITLE Antisense modulation of daxx expression

JOURNAL Patent: US 6180353-A 51 30-JAN-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 935 GACAGCTGCTGACACATC 953
Db 20 GGACGCTGCCGACACAGC 2

RESULT 1179

ARI30543 ARI30543 20 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 71 from patent US 6190861.
ACCESSION ARI30543
VERSION ARI30543.1 GI:14118868
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Fishman,J.A.
TITLE Molecular sequences of swine retroviruses method of using
JOURNAL Patent: US 6190861-A 71 20-FEB-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3559 CAGAGCTCGATCAGAGA 3577
Db 1 CAGACACTCAGAACGAGA 19

RESULT 1180

ARI31192 ARI31192 20 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 64 from patent US 6191268.
DEFINITION ARI31192
ACCESSION ARI31192
VERSION ARI31192.1 GI:14119517
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Liskay,R.M., Bromner,C.Eric., Baker,S.M., Bollag,R.J. and
Kolodner,R.D.
TITLE Compositions and methods relating to DNA mismatch repair genes
JOURNAL Patent: US 6191268-A 64 20-FEB-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 335 GGCTTTCTTACCACTCC 353
Db 2 GGCTTTTCTCCCTCCC 20

RESULT 1181

ARI39513 ARI39513 20 bp DNA linear PAT 16-JUN-2001
LOCUS Sequence 30 from patent US 6207383.
ACCESSION ARI39513
VERSION ARI39513.1 GI:14482009
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Keating,M.T. and Splawski,I.
TITLE Mutations in and genomic structure of HERG--a long QT syndrome gene
JOURNAL Patent: US 6207383-A 30 27-MAR-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1512 CATCTGCGAGGGCTGCT 1530
Db 1 CACTCTGCGAGGAGCTGCT 19

RESULT 1182

ARI39960/c ARI39960 20 bp DNA linear PAT 16-JUN-2001
LOCUS Sequence 32 from patent US 6207417.
DEFINITION ARI39960
ACCESSION ARI39960
VERSION ARI39960.1 GI:14482456
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
TITLE DNA encoding stem cell factor
JOURNAL Patent: US 6207417-A 32 27-MAR-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5402 CAAAAAGAAAAATGAAA 5420
Db 19 CAAAAAAGAAAAA 1

RESULT 1183

ARI39961/c ARI39961 20 bp DNA linear PAT 16-JUN-2001
LOCUS Sequence 33 from patent US 6207417.
DEFINITION ARI39961
ACCESSION ARI39961
VERSION ARI39961.1 GI:14482457
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
TITLE DNA encoding stem cell factor
JOURNAL Patent: US 6207417-A 33 27-MAR-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATATCAAAAAAGA 5410
DB 19 TAAAAAATATCAAAAAAGA 1

RESULT 1184
LOCUS AR140279/c 20 bp DNA linear PAT 16-JUN-2001
DEFINITION Sequence 32 from patent US 6207454.
ACCESSION AR140279
VERSION AR140279.1 GI:14482775
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
TITLE Method for enhancing the efficiency of gene transfer with stem cell factor (SCF) polypeptide
JOURNAL Patent: US 6207454-A 32 27-MAR-2001;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5402 CAAAAAAGAAAAATGAAA 5420
DB 19 CAAAAAAGAAAAATGAAA 1

RESULT 1185
LOCUS AR140280/c 20 bp DNA linear PAT 16-JUN-2001
DEFINITION Sequence 33 from patent US 6207454.
ACCESSION AR140280
VERSION AR140280.1 GI:14482776
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
TITLE Method for enhancing the efficiency of gene transfer with stem cell factor (SCF) polypeptide
JOURNAL Patent: US 6207454-A 33 27-MAR-2001;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATATCAAAAAAGA 5410
DB 19 TAAAAAATATCAAAAAAGA 1

RESULT 1186
LOCUS AR140557/c 20 bp DNA linear PAT 16-JUN-2001
DEFINITION Sequence 32 from patent US 6207802.
ACCESSION AR140557

VERSION AR140557.1 GI:14483053
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
TITLE Stem cell factor and compositions
JOURNAL Patent: US 6207802-A 32 27-MAR-2001;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5402 CAAAAAAGAAAAATGAAA 5420
DB 19 CAAAAAAGAAAAATGAAA 1

RESULT 1187
LOCUS AR140558/c 20 bp DNA linear PAT 16-JUN-2001
DEFINITION Sequence 33 from patent US 6207802.
ACCESSION AR140558
VERSION AR140558.1 GI:14483054
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
TITLE Stem cell factor and compositions
JOURNAL Patent: US 6207802-A 33 27-MAR-2001;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATATCAAAAAAGA 5410
DB 19 TAAAAAATATCAAAAAAGA 1

RESULT 1188
LOCUS AR149209/c 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 56 from patent US 6228581.
ACCESSION AR149209
VERSION AR149209.1 GI:15113800
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Acton,S.L. and Ordovas,J.M.
TITLE Human lntronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 6228581-A 56 08-MAY-2001;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1222 TGGGACGCGGTGTAGTAA 1240
| | | | | | | | | | | | | | | | | |
Db 19 TGGGCTGGGCTGTGTGGAA 1

RESULT 1189
ARI50063 20 bp DNA linear PAT 08-AUG-2001
LOCUS Sequence 139 from patent US 6228642.
DEFINITION ARI50063
ACCESSION ARI50063.1 GI:15114654
VERSION ARI50063.1
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

1 (bases 1 to 20)
Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.
Antisense oligonucleotide modulation of tumor necrosis
factor-(.alpha.) (TNF-.alpha.) expression
Patent: US 6228642-A 139 08-MAY-2001;
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 60 TGGGTTCTGAAGCCCAT 78
| | | | | | | | | | | | | | | | | |
Db 2 TGAATTCGGAAGCCCAT 20

RESULT 1190
ARI57125 20 bp DNA linear PAT 08-AUG-2001
LOCUS ARI57125
DEFINITION Sequence 42 from patent US 6242590.
ACCESSION ARI57125
VERSION ARI57125.1 GI:15125829
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

Unknown.
Unclassified.
1 (bases 1 to 20)
Cowsett,L.M.
Antisense modulation of zinc finger protein-217 expression
Patent: US 6242590-A 42 05-JUN-2001;
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2325 CTCACCTCTTGAAGATG 2343
| | | | | | | | | | | | | | | | | |
Db 1 CTACACTCTTGAAGATG 19

RESULT 1191
ARI62101/c 20 bp DNA linear PAT 17-OCT-2001
LOCUS ARI62101
DEFINITION Sequence 31 from patent US 6258558.
ACCESSION ARI62101
VERSION ARI62101.1 GI:16229171
KEYWORDS
SOURCE
ORGANISM

Unknown.
Unknown.

REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

Unclassified.
1 (bases 1 to 20)
Szoetak,J.W., Roberts,R.W. and Liu,R.
Method for selection of proteins using RNA-protein fusions
Patent: US 6258558-A 31 10-JUL-2001;
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5397 AAATACAAAAAGAAAAA 5415
| | | | | | | | | | | | | | | | | |
Db 19 AAATACCAAAAAA 1

RESULT 1192
ARI62761/c 20 bp DNA linear PAT 17-OCT-2001
LOCUS ARI62761
DEFINITION Sequence 84 from patent US 6258790.
ACCESSION ARI62761
VERSION ARI62761.1 GI:16230100
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

Unknown.
Unclassified.
1 (bases 1 to 20)
Bennett,C.Frank., Condon,T.P. and Cowsett,L.M.
Antisense modulation of integrin .alpha.4 expression
Patent: US 6258790-A 84 10-JUL-2001;
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4958 ATTATGTCTCATGCCAGG 4976
| | | | | | | | | | | | | | | | | |
Db 19 ATTATGTCTCATGCCAGG 1

RESULT 1193
ARI63446 20 bp DNA linear PAT 17-OCT-2001
LOCUS ARI63446
DEFINITION Sequence 8 from patent US 6270977.
ACCESSION ARI63446
VERSION ARI63446.1 GI:16234051
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

Unknown.
Unclassified.
1 (bases 1 to 20)
Klann,R.Chris.
Specific, highly sensitive, nested PCR detection scheme for the
pseudorabies virus
Patent: US 6270977-A 8 07-AUG-2001;
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2325 CTCACCTCTTGAAGATG 2343
| | | | | | | | | | | | | | | | | |

Db 1 CTCACCTCCTCGACGATG 19

RESULT 1194

LOCUS AR166626 20 bp DNA PAT 17-OCT-2001

DEFINITION Sequence 31 from patent US 6281344.

ACCESSION AR166626

VERSION AR166626.1 GI:16242029

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

Query Match

Best Local Similarity

Matches

QY 5397 AATACAAAAGAAAAA 5415

Db 19 AATACCAAAAAA 1

RESULT 1195

LOCUS AR166697 20 bp DNA PAT 17-OCT-2001

DEFINITION Sequence 47 from patent US 6281346.

ACCESSION AR166697

VERSION AR166697.1 GI:16242121

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

Query Match

Best Local Similarity

Matches

QY 3509 AGGGCTGATACGGAGA 3527

Db 20 AGGGCTGATTCGAGA 2

RESULT 1196

LOCUS AR173034 20 bp DNA PAT 17-DEC-2001

DEFINITION Sequence 159 from patent US 6303374.

ACCESSION AR173034

VERSION AR173034.1 GI:17912525

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

Location/Qualifiers

1..20

/organism="unknown"

/mol_type="unassigned DNA"

Query Match

Best Local Similarity

Matches

QY 1830 GGATGACATGCTGGGAGT 1848

Db 2 GGCTGATTCGAGGAGT 20

RESULT 1197

LOCUS AR174516 20 bp DNA PAT 17-DEC-2001

DEFINITION Sequence 5 from patent US 6307019.

ACCESSION AR174516

VERSION AR174516.1 GI:17914836

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

Query Match

Best Local Similarity

Matches

QY 2569 GAGAGAGATGAGAGCA 2587

Db 1 GAGGAGAGAGAGATCA 19

RESULT 1198

LOCUS AR176823 20 bp DNA PAT 17-DEC-2001

DEFINITION Sequence 78 from patent US 6312900.

ACCESSION AR176823

VERSION AR176823.1 GI:17919178

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

Query Match

Best Local Similarity

Matches

QY 339 TTTCTACCATGCCCCCTC 357

Db 1 TTTCTTCACATGCCCTC 19

RESULT 1199

LOCUS AR176840/c

LOCUS AR176840 20 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 95 from patent US 6312900.
ACCESSION AR176840
VERSION AR176840.1 GI:17919195
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 20)
Dean,N.M., McKay,R., Miraglia,L. and Baker,B.
Antisense oligonucleotide compositions and methods for the
modulation of activating protein 1
Patent: US 6312900-A 95 06-NOV-2001;
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 339 TTTCCTACGACCTCCGCTC 357
Db 20 TTTCCTTCACGCGCCCTC 2

RESULT 1200
LOCUS AR178970 20 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 216 from patent US 6319906.
ACCESSION AR178970
VERSION AR178970.1 GI:20220108
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 20)
Bennett,C.,Frank, and Vickers,T.A.
Oligonucleotide compositions and methods for the modulation of the
expression of B7 protein
Patent: US 6319906-A 216 20-NOV-2001;
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 794 GCGACTCTCCCTCATTTCCC 812
Db 19 GCCTCTCTCTTCATTTCCC 1

RESULT 1201
LOCUS BD174960 20 bp DNA linear PAT 18-MAR-2003
DEFINITION Simple nucleic acid amplification method.
ACCESSION BD174960
VERSION BD174960.1 GI:29120654
KEYWORDS JP 2002253264-A/8.
SOURCE synthetic construct
ORGANISM artificial construct
REFERENCE
1 (bases 1 to 20)
Oshima,J.
Simple nucleic acid amplification method
Patent: JP 2002253264-A 8 10-SEP-2002;
Location/Qualifiers
OS OSHIMA
JOUR OSHIMA
COMMENT
OS Artificial Sequence
PN JP 2002253264-A/8

PD 10-SEP-2002
PF 28-FEB-2001 JP 2001105220
PI JOJI OSHIMA
PC C12N15/09,C12Q1/68,C12N15/00
CC Simple nucleic acid amplification method
FH Key Location/Qualifiers
FT source 1..20
/organism="Artificial Sequence".
Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2322 CATCTCACCTCTTGAGG 2340
Db 19 CTTTCACACCTCTTGAGG 1

RESULT 1202
LOCUS BD175100 20 bp DNA linear PAT 18-MAR-2003
DEFINITION Nucleic acid encoding lysyl oxidase related protein.
ACCESSION BD175100
VERSION BD175100.1 GI:29120794
KEYWORDS JP 2002272470-A/6.
SOURCE synthetic construct
ORGANISM artificial construct
REFERENCE
1 (bases 1 to 20)
Nakamura,T., Akiyama,H. and Ito,A.
Nucleic acid encoding lysyl oxidase related protein
Patent: JP 2002272470-A 6 24-SEP-2002;
Location/Qualifiers
OS Artificial Sequence
PN JP 2002272470-A/6
PF 24-SEP-2002
PF 21-MAR-2001 JP 2001081755
PI TAKASHI NAKAMURA,HARUHIKO AKIYAMA,AKIRA ITO
PC C12N15/09,A61K31/711,A61K38/00,A61K39/395,A61K39/395,A61K47/02, PC
A61K47/36,
PC A61K47/42,A61K48/00,A61P3/00,A61P9/10,A61P9/12,A61P19/08, PC
A61P35/00
PC A61P43/00,C07K16/40,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N9/
PC 06,C12Q1/68,
PC G01N33/15,G01N33/50,G01N33/50,G01N33/53,G01N33/53,G01N33/566//
PC C12P21/08,
PC C12N9/06,C12R1:91,C12N15/00,A61K37/02,C12N5/00 CC
Description of Artificial Sequence: Synthesized CC
oligonucleotide having a
CC specific sequence to LOXC.
FH Key Location/Qualifiers
FT source 1..20
/organism="Artificial Sequence".
Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4650 CACGAGGCCACGACGATG 4668
Db 1 CACGTTGTCACGACGATG 19

RESULT 1203
BD176448/c
LOCUS BD176448 20 bp DNA linear PAT 16-MAR-2003
DEFINITION A method of arraying genome clone.
ACCESSION BD176448
VERSION BD176448.1 GI:29122156
KEYWORDS WO 02072815-A/248.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Soeda, E.
TITLE A method of arraying genome clone
JOURNAL Patent: WO 02072815-A 248 19-SEP-2002;
EICHI SOEDA, TAKESHI KUKITA
COMMENT OS Artificial Sequence
PN WO 02072815-A/248
PD 19-SEP-2002
PR 17-MAY-2001 WO 2001JP004139
PI 12-MAR-2001 JP 01P 68285
PC EICHI SOEDA
CC Description of Artificial Sequence: Synthetic DNA FH Key
Location/Qualifiers
FT source 1..20
/organism='Artificial Sequence'.
Location/Qualifiers
1..20
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5320 TGCTAGCAGGCTTCCAG 5338
DB 19 TGTGATGACAGGCTTTTCAG 1

RESULT 1204
BD177732
LOCUS BD177732 20 bp DNA linear PAT 16-APR-2003
DEFINITION A method for snp typing.
ACCESSION BD177732
VERSION BD177732.1 GI:30014994
KEYWORDS JP 2002300894-A/22.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Nakamura, Y., Tanaka, T., Onishi, Y., Ozaki, K. and Yamada, A.
TITLE A method for snp typing
JOURNAL Patent: JP 2002300894-A 22 15-OCT-2002;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH
COMMENT OS Artificial Sequence
PN JP 2002300894-A/22
PD 15-OCT-2002
PR 29-JAN-2002 JP 2002019752
PI YUSUKE NAKAMURA, TOSHIHIRO TANAKA, YOZO ONISHI, KOICHI OZAKI, PI
AKIRA YAMADA
CC Description of Artificial Sequence: Primer
FH Key Location/Qualifiers
FT source 1..20
/organism='Artificial Sequence'.
Location/Qualifiers
1..20
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3994 CCTGAGCTGTGGAGCTG 4012
DB 2 CCTGCTGCTGTGGAGCTG 20

RESULT 1205
BD177738/c
LOCUS BD177738 20 bp DNA linear PAT 16-APR-2003
DEFINITION A method for snp typing.
ACCESSION BD177738
VERSION BD177738.1 GI:30015000
KEYWORDS JP 2002300894-A/28.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Nakamura, Y., Tanaka, T., Onishi, Y., Ozaki, K. and Yamada, A.
TITLE A method for snp typing
JOURNAL Patent: JP 2002300894-A 28 15-OCT-2002;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH
COMMENT OS Artificial Sequence
PN JP 2002300894-A/28
PD 15-OCT-2002
PR 29-JAN-2002 JP 2002019752
PI YUSUKE NAKAMURA, TOSHIHIRO TANAKA, YOZO ONISHI, KOICHI OZAKI, PI
AKIRA YAMADA
CC Description of Artificial Sequence: Primer
FH Key Location/Qualifiers
FT source 1..20
/organism='Artificial Sequence'.
Location/Qualifiers
1..20
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4364 TTGGCCACTTGGATCAGG 4382
DB 19 TTGACCACTTGGACACGAG 1

RESULT 1206
BD223602
LOCUS BD223602 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Mutations in and genomic structure of HERG - a long QT syndrome gene.
ACCESSION BD223602
VERSION BD223602.1 GI:33033372
KEYWORDS JP 2002521065-A/28.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukhtoyca; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1 (bases 1 to 20)
AUTHORS Keating, M.T. and Splawski, I.
TITLE Mutations in and genomic structure of HERG - a long QT syndrome gene
JOURNAL Patent: JP 2002521065-A 28 16-JUL-2002;
UNIVERSITY OF UTAH RESEARCH FOUNDATION
COMMENT OS Homo sapiens (human)
PN JP 2002521065-A/28
PD 16-JUL-2002
PR 20-JUL-1999 JP 2000562554

PR 27-JUL-1998 US 09/122847,06-JAN-1999 US 09/226012 PI
MARK T KEATING,IGOR SPLAMSKI
PC C12N15/09,A01K67/027,C07K14/47,C07K16/18,C12N1/15,C12N1/19, PC
C12N1/21,
PC
C12N5/10,C12N5/10,C12Q1/02,C12Q1/66,G01N33/15,G01N33/50,G01N33/ PC
53',
PC G01N33/53,G01N33/566,G01N33/577//C12P21/08,C12N15/00,C12N5/00,
PC C12N5/00
CC Mutations in and genomic structure of HERG - a long QT CC
syndrome gene
FH Key Location/Qualifiers
FT source 1..20
/organism='Homo sapiens (human)'.
1..20
Location/Qualifiers
/organism='Homo sapiens'
/mol_type='genomic DNA'
/db_xref='taxon:9606'

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1512 CACTGCGAGGGGCTGCT 1530
|||
1 CACTGCGAGGGGCTGCT 19

DB

RESULT 1207
BD225096 20 bp DNA linear PAT 17-JUL-2003
LOCUS
DEFINITION Antisense modulation of expression of tumor necrosis factor
receptor-associated factor (TRAF).
ACCESSION BD225096
VERSION BD225096.1 GI:33034866
KEYWORDS JP 2002526095-A/231.
SOURCE
ORGANISM synthetic construct
artificial sequences.
1 (bases 1 to 20)
REFERENCE Baker,B.F., Cowsett,L.M., Monia,B.P. and Xu,X.S.
AUTHORS Antisense modulation of expression of tumor necrosis factor
TITLE receptor-associated factor (TRAF)
JOURNAL Patent: JP 2002526095-A 231 20-AUG-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
PN JP 2002526095-A/231
PD 20-AUG-2002
PR 05-OCT-1999 JP 2000574546
PI 06-OCT-1998 US 09/167109
PC BRENDA F BAKER, LEX M COMSERT, BRETT P MONIA, XIAOXING S XU PC
C12N15/09,A61K31/7105,A61K48/00,A61P29/00,A61P35/04,C12N15/00 CC
antisense sequence
FH Key Location/Qualifiers
FT source 1..20
/organism='Artificial Sequence'.
1..20
Location/Qualifiers
/organism='Artificial Sequence'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1097 CCAGCTAGACCCAGAGA 1115
|||
19 CCAGCTAGAACCTGAGA 1

DB

RESULT 1208

BD227936 20 bp DNA linear PAT 17-JUL-2003
LOCUS
DEFINITION Antisense oligonucleotide regulation of expression of tumor
necrosis factor-alpha (TNF-alpha).
ACCESSION BD227936
VERSION BD227936.1 GI:33037706
KEYWORDS JP 2002526125-A/139.
SOURCE
ORGANISM synthetic construct
artificial sequences.
1 (bases 1 to 20)
REFERENCE Baker,B.F., Bennett,F.C., Butler,M.M. and Jr,W.J.S.
AUTHORS Antisense oligonucleotide regulation of expression of tumor
TITLE necrosis factor-alpha (TNF-alpha)
JOURNAL Patent: JP 2002526125-A 139 20-AUG-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
PN JP 2002526125-A/139
PD 20-AUG-2002
PR 05-OCT-1999 JP 2000574737
PI 05-OCT-1998 US 09/166186,18-MAY-1999 US 09/313932 PI
PC BRENDA F BAKER, FRANK C BENNETT, MADELINE M BUTLER, WILLIAM J PI
SHAMAHAN JR
PC C12N15/09,A61K31/7115,A61K31/712,A61K31/7125,A61K48/00,A61P1/
PC 00,A61P1/16,
PC A61P1/18,A61P3/10,A61P7/00,A61P7/04,A61P29/00,A61P31/00, PC
C07H21/02,
PC C07H21/04,C12N15/00
CC Synthetic
FH Key Location/Qualifiers
FT source 1..20
/organism='Artificial Sequence'.
1..20
Location/Qualifiers
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 60 TGGGTTTCGAAGCCCAT 78
|||
2 TGAATTCGGAAGCCCAT 20

DB

RESULT 1209
BD238408 20 bp DNA linear PAT 17-JUL-2003
LOCUS
DEFINITION Sorting of proteins using RNA-protein fused body.
ACCESSION BD238408
VERSION BD238408.1 GI:33048178
KEYWORDS JP 2002536025-A/26.
SOURCE
ORGANISM synthetic construct
artificial sequences.
1 (bases 1 to 20)
REFERENCE Szostak,J.W., Roberts,R.W. and Liu,R.
AUTHORS Sorting of proteins using RNA-protein fused body
TITLE Patent: JP 2002536025-A 26 29-OCT-2002;
JOURNAL THE GENERAL HOSPITAL CORP
COMMENT OS Artificial Sequence
PN JP 2002536025-A/26
PD 29-OCT-2002
PR 01-FEB-2000 JP 2000598669
PI 09-FEB-1999 US 09/247190
PC JACK W SZOSTAK, RICHARD W ROBERTS, RHE LIU
PC C12N15/09,C07K7/00,C07K14/00,C12Q1/68,C12N15/00 CC
splint
FH Key Location/Qualifiers
FT source 1..20
/organism='Artificial Sequence'.

FEATURES
source 1. .20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5397 AATACAAAAAGAAAAA 5415
DB 19 AATACCAAAAAA 1

RESULT 1210
BD251978 20 bp DNA linear PAT 17-JUL-2003
LOCUS Bone sialoprotein based toxic gene therapy for the treatment of
DEFINITION calcified tumors and tissues.
ACCESSION BD251978
VERSION BD251978.1 GI:33061748
KEYWORDS JP 2002532523-A/2.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1 (bases 1 to 20)
Koeneman, K.S. and Chung, L.W.K.
Bone sialoprotein based toxic gene therapy for the treatment of
calcified tumors and tissues
Patent: JP 2002532523-A 2 02-OCT-2002;
UNIVERSITY OF VIRGINIA PATENT FOUNDATION
OS Homo sapiens (human)
PN JP 2002532523-A/2
PD 02-OCT-2002
PF 22-DEC-1999 JP 2000589042
PR 22-DEC-1998 US 60/113200
PI KENNETH S KOENEMAN, LELAND W K CHUNG
PC A61K48/00, A61K31/375, A61K31/522, A61K31/704, A61K31/708 PC
A61K38/00, A61K38/21,
PC A61K38/22, A61K38/43, A61P35/00, A61P43/00, C12Q1/02//A61K35/76,
PC C12N15/09,
PC A61K37/48, A61K37/02, A61K37/24, A61K37/66, C12N15/00 CC Bone
sialoprotein based toxic gene therapy for the treatment CC
of calcified
CC tumors and tissues
CC Key 1. .20
FT source /organism="Homo sapiens (human)".

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source 1. .20
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1749 CGATGGTATGATGACCA 1767
DB 20 CCATGGTATGATGACCA 2

RESULT 1211
BD260089 20 bp DNA linear PAT 17-JUL-2003
LOCUS Novel granulocytic ehrlichia genes and uses thereof.
DEFINITION BD260089
ACCESSION BD260089.1 GI:33069859
KEYWORDS JP 2002527042-A/24.
SOURCE unidentified

ORGANISM unidentified
unclassified.
1 (bases 1 to 20)
REFERENCE
AUTHORS Murphy, C.I. and Massung, R.F.
TITLE Novel granulocytic ehrlichia genes and uses thereof
JOURNAL Patent: JP 2002527042-A 24 27-AUG-2002;
AQUILA BIOPHARMACEUTICALS INC, CENTERS FOR DISEASE CONTROL AND
PREVENTION
OS Bacteria
PN JP 2002527042-A/24
PD 27-AUG-2002
PF 23-OCT-1998 JP 2000562526
PR 28-JUL-1998 US 60/094381
PI CHERYL I MURPHY, ROBERT F MASSUNG
PC C12N15/09, A01K67/027, A61K39/00, A61P31/00, C07K14/195, C07K16/12,
PC C12N1/15,
PC C12N1/19, C12N1/21, C12N5/10, C12Q1/68, G01N33/50, G01N33/53, G01N33/PC
53,
PC G01N33/569, G01N33/577//C12P21/08, C12N15/00, C12N5/00 CC Novel
granulocytic ehrlichia genes and uses thereof FT Key
LOCATION/Qualifiers
FT source 1. .20
/organism="Bacteria".

FEATURES
source 1. .20
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4299 TCGAAGTATGACGCTC 4317
DB 19 TCGAAGTATGACGCTC 1

RESULT 1212
CQ759163 20 bp DNA linear PAT 01-MAR-2004
LOCUS Sequence 75 from Patent WO2003106681.
DEFINITION CQ759163
ACCESSION CQ759163
VERSION CQ759163.1 GI:44849154
KEYWORDS Rattus norvegicus (Norway rat)
SOURCE Rattus norvegicus
ORGANISM Rattus norvegicus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;
Rattus.

REFERENCE
1 Altan, O., Kurreck, J., Grueneweller, A. and Erdmann, V.
Antisense oligonucleotides against pml
Patent: WO 2003106681-A 75 24-DEC-2003;
JOURNAL Gruenenthal GmbH (DB)

FEATURES
source 1. .20
/organism="Rattus norvegicus"
/mol_type="unassigned DNA"
/db_xref="taxon:10116"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3437 GGGCCTGGAGCAGAGAA 3455
DB 2 GTGGCCTGGGCGCAGAGAA 20

RESULT 1213
CQ761540

LOCUS CQ761540 20 bp DNA linear PAT 03-MAR-2004
DEFINITION Sequence 158 from Patent WO2004003201.
ACCESSION CQ761540
VERSION CQ761540.1 GI:44904776
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrlh expression
JOURNAL Patent: WO 2004003201-A 158 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRLH antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2239 TCTCTGCTGCTGAGGCA 2257
Db 1 TCTCTGCTGCTGCGGTA 19

RESULT 1214
LOCUS CQ761548 20 bp DNA linear PAT 03-MAR-2004
DEFINITION Sequence 166 from Patent WO2004003201.
ACCESSION CQ761548
VERSION CQ761548.1 GI:44904784
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrlh expression
JOURNAL Patent: WO 2004003201-A 166 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRLH antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2239 TCTCTGCTGCTGAGGCA 2257
Db 1 TCTCTGCTGCTGCGGTA 19

RESULT 1215
LOCUS CQ761599/c 20 bp DNA linear PAT 03-MAR-2004
DEFINITION Sequence 217 from Patent WO2004003201.
ACCESSION CQ761599
VERSION CQ761599.1 GI:44904835
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrlh expression

JOURNAL Patent: WO 2004003201-A 217 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRLH antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3436 AGGGCCCTGAGCAGAGCA 3454
Db 19 AGGGCCCTGAGCAACAGCA 1

RESULT 1216
LOCUS CQ761657/c 20 bp DNA linear PAT 03-MAR-2004
DEFINITION Sequence 275 from Patent WO2004003201.
ACCESSION CQ761657
VERSION CQ761657.1 GI:44904893
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrlh expression
JOURNAL Patent: WO 2004003201-A 275 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRLH antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4311 GGAGCTGCTATCGAGC 4329
Db 19 GGAGCTGCTTTCAAAAC 1

RESULT 1217
LOCUS CQ761709/c 20 bp DNA linear PAT 03-MAR-2004
DEFINITION Sequence 327 from Patent WO2004003201.
ACCESSION CQ761709
VERSION CQ761709.1 GI:44904945
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrlh expression
JOURNAL Patent: WO 2004003201-A 327 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRLH antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4311 GGAGCTGTGATCGAGC 4329
Db 20 GGAGCTGTGCTTCAAAAC 2

RESULT 1218
LOCUS CO762153/c 20 bp DNA
DEFINITION Sequence 771 from Patent WO2004003201.
ACCESSION CO762153
VERSION CO762153.1 GI:44905389
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane, C.D.
TITLE Antisense modulation of ltrh1 expression
JOURNAL Patent: WO 2004003201-A 771 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3438 GGCCCTGGAGCAGAGAAA 3456
Db 20 GGCCCTGGAGCAGAGAAA 2

RESULT 1219
LOCUS CO762488 20 bp DNA
DEFINITION Sequence 1106 from Patent WO2004003201.
ACCESSION CO762488
VERSION CO762488.1 GI:44905724
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane, C.D.
TITLE Antisense modulation of ltrh1 expression
JOURNAL Patent: WO 2004003201-A 1106 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 615 AGCGCACTCCAGAGCTCT 633
Db 2 AGCGCACTCCAGAGCTCT 20

RESULT 1220
LOCUS CO762844 20 bp DNA
DEFINITION Sequence 1462 from Patent WO2004003201.

ACCESSION CO762844
VERSION CO762844.1 GI:44906080
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane, C.D.
TITLE Antisense modulation of ltrh1 expression
JOURNAL Patent: WO 2004003201-A 1462 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 615 AGCGCACTCCAGAGCTCT 633
Db 1 AGCGCACTCCAGAGCTCT 19

RESULT 1221
LOCUS CO763637 20 bp DNA
DEFINITION Sequence 2255 from Patent WO2004003201.
ACCESSION CO763637
VERSION CO763637.1 GI:44906873
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane, C.D.
TITLE Antisense modulation of ltrh1 expression
JOURNAL Patent: WO 2004003201-A 2255 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 250 CTGGCCCTGGAGCCCATCC 268
Db 2 CTGGCCCTGGAGCCCATCC 20

RESULT 1222
LOCUS CO763887 20 bp DNA
DEFINITION Sequence 2505 from Patent WO2004003201.
ACCESSION CO763887
VERSION CO763887.1 GI:44907123
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane, C.D.
TITLE Antisense modulation of ltrh1 expression
JOURNAL Patent: WO 2004003201-A 2505 08-JAN-2004;
Pharmacia Corporation (US)

FEATURES
source

Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 250 CTGGCCCTGGACCCCATCC 268
Db 1 CTGGCCCTGTCCCATGC 19

RESULT 1223
LOCUS CQ763961 20 bp DNA linear PAT 03-MAR-2004
DEFINITION Sequence 2579 from Patent WO2004003201.
ACCESSION CQ763961
VERSION CQ763961.1 GI:44907197

KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.

REFERENCE
1 Kane, C.D.

AUTHORS
TITLE Antisense modulation of lrh1 expression
JOURNAL Patent: WO 2004003201-A 2579 08-JAN-2004;
Pharmacia Corporation (US)

FEATURES
source

Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1611 TGTCTTCTACTTGAGCTGC 1629
Db 20 TGTCTTCTATTCAGATAC 2

RESULT 1224

LOCUS CQ767200 20 bp DNA linear PAT 03-MAR-2004
DEFINITION Sequence 28 from Patent WO2004005513.
ACCESSION CQ767200
VERSION CQ767200.1 GI:44909290

KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.

REFERENCE
1 Besterman, J.M., Li, Z., Delorme, D. and Bonfils, C.
AUTHORS Methods for specifically inhibiting histone deacetylase-7 and 8
TITLE Patent: WO 2004005513-A 28 15-JAN-2004;
JOURNAL Methylgene, Inc. (CA)

FEATURES
source

Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Combined DNA/RNA Molecule: Synthetic oligonucleotide-Description of Artificial Sequence: Synthetic oligonucleotide"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 570 GAAGAAGAGAGCTGAAG 588
Db 19 GAAGATGAGAGAGCCGAG 1

RESULT 1225
LOCUS CQ767554 20 bp DNA linear PAT 04-MAR-2004
DEFINITION Sequence 21 from Patent EP1386931.
ACCESSION CQ767554
VERSION CQ767554.1 GI:45095671

KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.

REFERENCE
1 Wood, W.I., Goddard, A., Gurney, A., Yuan, Y., Baker, K.P. and Chen, J.
AUTHORS Human neurotrophin homologue
JOURNAL Patent: EP 1386931-A 21 04-FEB-2004;
Genentech, Inc. (US)

FEATURES
source

Location/Qualifiers
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/organism="synthetic construct"
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/db_xref="taxon:32630"
/note="Artificial Sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3311 AGCAGACCACTGATGA 3329
Db 19 AGCAGACCACTGATGA 1

RESULT 1226

LOCUS CQ772754 20 bp DNA linear PAT 04-MAR-2004
DEFINITION Sequence 22 from Patent WO2004011675.
ACCESSION CQ772754
VERSION CQ772754.1 GI:45126387

KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.

REFERENCE
1 Fontcuberta Boj, J. and Soria Fernandez, J.M.
AUTHORS Novel allelic variants in the factor vii gene
TITLE Patent: WO 2004011675-A 22 05-FEB-2004;
JOURNAL Fundacio privada Institut de recerca de l'hospital de l a santa
creusant pau (ES)

FEATURES
source

Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of the Artificial Sequence: SEC.N :22"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2324 TCTCCACCTTTTGAAGAT 2342
Db 1 TCTCCCGCTCTTGAAGAT 19

RESULT 1227

LOCUS CQ786092 20 bp DNA linear PAT 24-MAR-2004

DEFINITION Sequence 16 from Patent WO2004018711.
ACCESSION CQ786092
VERSION CQ786092.1 GI:45721195
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Ming-Qing,D.
TITLE Diagnostic test
JOURNAL Patent: WO 2004018711-A 16 04-MAR-2004;
University College London (GB)
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source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer for amplification of D3S1566"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1443 TCGAGGACATTATGAG 1461
DB 20 TCCAGGACATTCTTGAG 2

RESULT 1228
CQ797975 20 bp DNA linear PAT 20-APR-2004
DEFINITION Sequence 15 from Patent WO2004029285.
ACCESSION CQ797975
VERSION CQ797975.1 GI:46426461
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Yousef,G. and Diamandis,E.P.
TITLE Methods for detecting endocrine cancer
JOURNAL Patent: WO 2004029285-A 15 08-APR-2004;
MOUNT SINAI HOSPITAL (CA)
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source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3697 GTGCCTTCCTCCCTCTC 3715
DB 2 GTGCCTTCCTCACTCTC 20

RESULT 1229
E08941/c 20 bp DNA linear PAT 29-SEP-1997
LOCUS E08941
DEFINITION PCR primer for amplifying Epstein-Barr virus.
ACCESSION E08941
VERSION E08941.1 GI:2177045
KEYWORDS JP 199507976-A/6.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Yamaniishi,K., Kondo,M., Aono,T. and Takarada,Y.
TITLE OLIGONUCLEOTIDE FOR DETECTION OF EPSTEIN-BARR VIRUS (EBV) AND ITS
USE

JOURNAL Patent: JP 199507976-A 6 28-MAR-1995;
TOYOBO CO LTD
COMMENT
OS None
OC Artificial sequences.
PN JP 199507976-A/6
PD 28-MAR-1995
PF 16-SEP-1993 JP 1993230396
PI YAMANISHI KOICHI, KONDO MOTOHIRO, AONO TOSHIYA, PI TAKARADA
YUTAKA
PC C12N15/09,C12Q1/70;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No;
FH Key
FT source 1..20
/organism="Artificial sequences".
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1750 GATGTGTAGATGAGCCAG 1768
DB 19 GATGTGTAGATGAGCTGTG 1

RESULT 1230
E12421/c 20 bp DNA linear PAT 27-APR-1998
LOCUS E12421
DEFINITION PCR primer for gaining rat fat gene (ob) cDNA.
ACCESSION E12421
VERSION E12421.1 GI:3251254
KEYWORDS JP 199633394-A/7.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Nakao,I., Ogawa,Y. and Fujisawa,Y.
TITLE RAT OBESITY GENE, ITS GENE PRODUCT AND ITS PRODUCTION
JOURNAL Patent: JP 199633394-A 7 17-DEC-1996;
TAKEDA CHEM IND LTD
COMMENT
OS None
OC Artificial sequences.
PN JP 199633394-A/7
PD 17-DEC-1996
PF 02-APR-1996 JP 1996079916
PR 03-APR-1995 JP 95P 77966
PI NAKAO ICHIKAZU, OGAWA YOSHIHIRO, FUJISAWA YUKIO PC
C07K14/47,C07H21/04,C12N1/21,C12N15/09,C12P21/02//A61K39/395, PC
(C12N1/21,
PC C12R1:19), (C12P21/02,C12R1:19), (C12P21/02,C12N1:91), CC
strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No;
FH Key
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/organism="Artificial sequences".
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

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/organism="Artificial sequences".
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2639 CCCTGCAGCTGGCTGCA 2657
db 19 CCTTCACCTGCTGAGCA 1

RESULT 1231

LOCUS E14023 20 bp DNA linear PAT 28-JUL-1999
DEFINITION Primer.
ACCESSION E14023
VERSION E14023.1 GI:5708706
KEYWORDS JP 1997257798-A/13.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Shimada,K. and Namatame,Y.
TITLE IMMOBILIZATION OF GENE
JOURNAL Patent: JP 1997257798-A 13 03-OCT-1997;
SUMITOMO METAL IND LTD

COMMENT OS None
OC Artificial sequences.
PN JP 1997257798-A/13
PD 03-OCT-1997
PE 19-MAR-1996 JP 1996062885
PI SHIMADA KAZUMORI, NAMATAME YASUOKO
PC G01N33/566,C12N15/09,C12Q1/68;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No;
FH Key Location/Qualifiers
FT source 1..20
FT Location/Qualifiers
1..20
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4154 GCTTCTCCCTTGGAGT 4172
db 1 GCTTCTCAGCTTGGGTGT 19

RESULT 1232

LOCUS E25706 20 bp DNA linear PAT 18-JUN-2001
DEFINITION Animal with insufficient expression of beta-caerulein gene.
ACCESSION E25706
VERSION E25706.1 GI:13020667
KEYWORDS JP 1999285332-A/13.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Reiko S. and Koichi,I.
TITLE Animal with insufficient expression of beta-caerulein gene
JOURNAL Patent: JP 1999285332-A 13 19-OCT-1999;
TAKEDA CHEM IND LTD
OS Unidentified
PN JP 1999285332-A/13
PD 19-OCT-1999
PF 16-MAR-1998 JP 1998065852
PR

PI REIKO SASADA,KOICHI IGARASHI
PC A01K67/027,C12N5/10,C12N15/09,G01N33/15,C12N5/00,C12N15/00 CC
Strandedness: Single;
CC Topology: Linear;
FH Key Location/Qualifiers
FT source 1..20
FT Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1062 AGCAGTGTGGGAGCTGG 1080
db 1 AGCAGTGCAGGAGAGCTGG 19

RESULT 1233

LOCUS E37452 20 bp DNA linear PAT 31-JAN-2002
DEFINITION Method for identifying animal hair fiber by DNA.
ACCESSION E37452
VERSION E37452.1 GI:18626704
KEYWORDS JP 2000210084-A/1.
SOURCE Bos sp.
ORGANISM Bos sp.
REFERENCE 1 (bases 1 to 20)
AUTHORS Kato,M. and Takeuchi,A.
TITLE Method for identifying animal hair fiber by DNA
JOURNAL Patent: JP 2000210084-A 1 02-AUG-2000;
NIPPON KAGAKU SENI KENSA KYOKAI

COMMENT OS Bos sp. (bovine)
PN JP 2000210084-A/1
PD 02-AUG-2000
PF 25-JAN-1999 JP 1999015616
PR
PI MIKI KATO,AKIO TAKEUCHI
PC C12N15/09,C12Q1/68,G01N33/36,C12N15/00
CC
FH Key Location/Qualifiers
FT source 1..20
FT Location/Qualifiers
1..20
/organism="Bos sp."
/mol_type="genomic DNA"
/db_xref="taxon:29061"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2385 CATTGACCTGTGTTCCAA 2403
db 1 CATTCTCCTCTGTATACCA 19

RESULT 1234

LOCUS E37460 20 bp DNA linear PAT 31-JAN-2002
DEFINITION Method for identifying animal meat by DNA.
ACCESSION E37460
VERSION E37460.1 GI:18626712
KEYWORDS JP 2000210085-A/1.
SOURCE Bos sp.

ORGANISM Bos sp.
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovidae;
Bovinae; Bos.
1 (bases 1 to 20)
Kato, M. and Takeuchi, A.
Method for identifying animal meat by DNA
Accession
Patent: JP 2000210085-A 1 02-AUG-2000;
NIPPON KAGAKU SENI KENSA KYOKAI
COMMENT
OS Bos sp. (bovine)
PN JP 2000210085-A/1
PD 02-AUG-2000
PF 25-JAN-1999 JP 1999015617
PR MIKI KATO, AKIO TAKEUCHI
PI C12N15/09, C12Q1/68, G01N33/12, C12N15/00
CC
FH Key Location/Qualifiers
FT source 1..20
FEATURES Location/Qualifiers
source 1..20
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/mol_type="genomic DNA"
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Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2385 CATTGACCTCTGTTCCAA 2403
Db 1 CATTCTCTCTGTACC 19

RESULT 1235
E59323/c 20 bp DNA linear PAT 31-JAN-2002
LOCUS
DEFINITION Method for purifying oligonucleotide.
ACCESSION E59323
VERSION E59323.1 GI:18622500
KEYWORDS JP 2000342265-A/4.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Hirose, K. and Yoshida, T.
TITLE Method for purifying oligonucleotide
JOURNAL Patent: JP 2000342265-A 4 12-DEC-2000;
TOGOSHI CHEM IND CO LTD
COMMENT
OS Artificial Sequence
PN JP 2000342265-A/4
PD 12-DEC-2000
PF 02-JUN-1999 JP 1999154974
PR KUNIHICO HIROSE, TADAO YOSHIDA
PI C12N15/09, B01D15/08, C12N15/00
CC
FH Key Location/Qualifiers
FT source 1..20
FEATURES Location/Qualifiers
source 1..20
/organism="Artificial Sequence"
/mol_type="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 849 CCAACCCACTCCACCGCA 867
Db 1 CCAACCCACTCCACCGCA 867

Db 19 CCCTCCGACCTCCGCCGA 1

RESULT 1236
E59328 20 bp DNA linear PAT 31-JAN-2002
LOCUS
DEFINITION Method for purifying oligonucleotide.
ACCESSION E59328
VERSION E59328.1 GI:18622505
KEYWORDS JP 2000342265-A/9
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Hirose, K. and Yoshida, T.
TITLE Method for purifying oligonucleotide
JOURNAL Patent: JP 2000342265-A 9 12-DEC-2000;
TOGOSHI CHEM IND CO LTD
COMMENT
OS Artificial Sequence
PN JP 2000342265-A/9
PD 12-DEC-2000
PF 02-JUN-1999 JP 1999154974
PR KUNIHICO HIROSE, TADAO YOSHIDA
PI C12N15/09, B01D15/08, C12N15/00
CC
FH Key Location/Qualifiers
FT source 1..20
FEATURES Location/Qualifiers
source 1..20
/organism="Artificial Sequence"
/mol_type="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAAGA 5410
Db 1 TAAAAAATACAAAAAGA 19

RESULT 1237
I24316/c 20 bp DNA linear PAT 07-OCT-1996
LOCUS
DEFINITION Sequence 11 from patent US 5543294.
ACCESSION I24316
VERSION I24316.1 GI:1604186
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Silverstein, S.J., Iungu, O. and Wright, T.C. Jr.
TITLE Polymerase chain reaction/restriction fragment length polymorphism
JOURNAL method for the detection and typing of mycobacteria
Patent: US 5543294-A 11 06-AUG-1996;
COMMENT
OS Unknown.
PN
PD
PF
PR
PI
CC
FH Key Location/Qualifiers
FT source 1..20
FEATURES Location/Qualifiers
source 1..20
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/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1840 CTGGCGAGTTGCTGGCGA 1858
Db 20 CTGGCGAGTTGCTGGGA 2

RESULT 1238
I32964/c
LOCUS I32964 20 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 11 from patent US 5589570.
ACCESSION I32964
VERSION I32964.1 GI:1823755
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Tamura,R.N. and Quaranta,V.
TITLE Integrin alpha subunit cytoplasmic domain polypeptides and methods
JOURNAL Patent: US 5589570-A 11 31-DEC-1996;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2986 CACTCTGCAGTGAAGAGTC 3004
DB 19 CACGCTACAGTTAAAGATC 1

RESULT 1239
I41460
LOCUS I41460 20 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 57 from patent US 5625136.
ACCESSION I41460
VERSION I41460.1 GI:2082050
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Koziele,M.G., Desai,N.M., Lewis,K.S., Kramer,V.C., Warren,G.W.,
Evoila,S.V., Crossland,L.D., Wright,M.S., Merlin,E.J., Lanis,K.L.,
Rothstein,S.J., Bowman,C.G., Dawson,J.L., Dunder,E.M., Pace,G.M.,
and Suttie,J.L.
TITLE Synthetic DNA sequence having enhanced insecticidal activity in
maize
JOURNAL Patent: US 5625136-A 57 29-APR-1997;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3113 ACCAGACCTGACCGAGCT 3131
DB 2 AGCTGACCTGACCGGCT 20

RESULT 1240
I79718/c
LOCUS I79718 20 bp DNA linear PAT 10-JUN-1998
DEFINITION Sequence 13 from patent US 5707863.
ACCESSION I79718
VERSION I79718.1 GI:3208008
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Trofatter,J.A., MacCollin,M.M. and Guseella,J.F.
TITLE Tumor suppressor gene merlin

JOURNAL Patent: US 5707863-A 13 13-JAN-1998;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTGGCCAGGACAGTGAAG 1567
DB 20 CAGGCCAGGAGAGAGAG 2

RESULT 1241
AR193138/c
LOCUS AR193138 20 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 23 from patent US 6346416.
ACCESSION AR193138
VERSION AR193138.1 GI:20239103
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Dean,N.M. and Cowsett,L.M.
TITLE Antisense inhibition of Hpk/GCK-like kinase expression
JOURNAL Patent: US 6346416-A 23 12-FEB-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5123 GCMAAGAGGATAGAGAG 5141
DB 20 GCMAAGAGGATAGAGAG 2

RESULT 1242
AR207161/c
LOCUS AR207161 20 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 55 from patent US 6372492.
ACCESSION AR207161
VERSION AR207161.1 GI:21505985
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.Frank. and Cowsett,L.M.
TITLE Antisense modulation of talin expression
JOURNAL Patent: US 6372492-A 55 16-APR-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3979 GACATCAAGCTGAGCCTG 3997
DB 20 GCCATCAAGCTGAGCCTG 2

RESULT 1243
AR208115

LOCUS AR208115 20 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 33 from patent US 6379960.
ACCESSION AR208115
VERSION AR208115.1 GI:21508047
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Popoff, I. and Wyatt, J.
JOURNAL Antisense modulation of damage-specific DNA binding protein 2, p48
FEATURES
source Patent: US 6379960-A 33 30-APR-2002;
Location/Qualifiers
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/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4151 CCAGCTTCTCCCTTGGG 4169
DB 2 CCAGCGTGTCCCATGGG 20
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RESULT 1244
AR208839 20 bp DNA linear PAT 20-JUN-2002
LOCUS AR208839
DEFINITION Sequence 48 from patent US 6383809.
ACCESSION AR208839
VERSION AR208839.1 GI:21510098
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Bennett, C. Frank, and Cowart, L. M.
JOURNAL Antisense inhibition of cytohesin-1 expression
FEATURES
source Patent: US 6383809-A 48 07-MAY-2002;
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3759 CTGGGCCCCCAGCGGCTT 3777
DB 1 CTGAGGCTCCACATGGGCTT 19
|||||
|||||

RESULT 1245
AR208852 20 bp DNA linear PAT 20-JUN-2002
LOCUS AR208852
DEFINITION Sequence 61 from patent US 6383809.
ACCESSION AR208852
VERSION AR208852.1 GI:21510114
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Bennett, C. Frank, and Cowart, L. M.
JOURNAL Antisense inhibition of cytohesin-1 expression
FEATURES
source Patent: US 6383809-A 61 07-MAY-2002;
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4767 CTGGAGAAAGGCAGGAA 4785
DB 2 CTGAGAGAAAGGCAGGAA 20
|||||
|||||

RESULT 1246
AR212121 20 bp DNA linear PAT 20-JUN-2002
LOCUS AR212121
DEFINITION Sequence 88 from patent US 6399379.
ACCESSION AR212121
VERSION AR212121.1 GI:21515622
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Baker, B. F. and Freier, S. M.
JOURNAL Antisense modulation of interleukin 12 p35 subunit expression
FEATURES
source Patent: US 6399379-A 88 04-JUN-2002;
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4602 TGGACAGGTGCTGAGCCAG 4620
DB 2 TGGACACATGTGAGCCGG 20
|||||
|||||

RESULT 1247
AR215945 20 bp DNA linear PAT 25-SEP-2002
LOCUS AR215945
DEFINITION Sequence 86 from patent US 6410325.
ACCESSION AR215945
VERSION AR215945.1 GI:23314201
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Bennett, C. F., Preler, S. M. and Watt, A. T.
JOURNAL Antisense modulation of phospholipase A2, group VI
FEATURES
source Patent: US 6410325-A 86 25-JUN-2002;
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 147 CCAGACCCAGAGAGGGA 165
DB 20 CCAGGCCGAGAGAGGGA 2
|||||
|||||

RESULT 1248
AR216034 20 bp DNA linear PAT 25-SEP-2002
LOCUS AR216034
DEFINITION Sequence 81 from patent US 6410518.
ACCESSION AR216034
VERSION AR216034.1 GI:23314322

KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Monia,B.P.
TITLE Antisense oligonucleotide inhibition of raf gene expression
JOURNAL Patent: US 6410518-A 81 25-JUN-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 663 GACGAGTGCATGAGAGTG 661
Db 19 GGCAAGTGCATGAGAGTG 1

RESULT 1249

LOCUS AR221061 20 bp DNA linear PAT 26-SEP-2002
DEFINITION Sequence 114 from patent US 6426188.
ACCESSION AR221061
VERSION AR221061.1 GI:23327946
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Wyatt,J.
TITLE Antisense modulation of phosphotyrase kinase alpha 1 expression
JOURNAL Patent: US 6426188-A 114 30-JUL-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1739 TCTTCATCTCGATGCTGT 1757
Db 1 TCTTCATCTCGATGCTGT 19

RESULT 1250

LOCUS AR224756 20 bp DNA linear PAT 26-SEP-2002
DEFINITION Sequence 61 from patent US 6440739.
ACCESSION AR224756
VERSION AR224756.1 GI:23333596
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.F. and Freier,S.M.
TITLE Antisense modulation of glioma-associated oncogene-2 expression
JOURNAL Patent: US 6440739-A 61 27-AUG-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4965 GTCCATGCCAGGATGCCA 4983
Db 19 GGCCATGCCATGGCTGCCA 1

RESULT 1251

LOCUS AR226079 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 142 from patent US 6444465.
ACCESSION AR226079
VERSION AR226079.1 GI:27264233
KEYWORDS
SOURCE Unknown.

REFERENCE 1 (bases 1 to 20)
AUTHORS Wyatt,J. and Freier,S.M.
TITLE Antisense modulation of Her-1 expression
JOURNAL Patent: US 6444465-A 142 03-SEP-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4792 CTCTGCACTCAGCAGCT 4810
Db 2 CTCTGCACTCAGCAGCT 20

RESULT 1252

LOCUS AR228956 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 56 from patent US 6448080.
ACCESSION AR228956
VERSION AR228956.1 GI:27268098
KEYWORDS
SOURCE Unknown.

REFERENCE 1 (bases 1 to 20)
AUTHORS Ward,D.T. and Watt,A.T.
TITLE Antisense modulation of WRN expression
JOURNAL Patent: US 6448080-A 56 10-SEP-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3898 GAGATGAATTCGTGTGT 3916
Db 19 GAGATGAATTCGTGTGT 1

RESULT 1253

LOCUS AR231290 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 27 from patent US 6451968.
ACCESSION AR231290
VERSION AR231290.1 GI:27272221
KEYWORDS
SOURCE Unknown.

REFERENCE 1 (bases 1 to 20)
AUTHORS Egholm,M., Nielsen,P., Buchardt,O., Dueholm,K.L., Christensen,L.,

TITLE Coull,J.M., Kieley,J. and Griffith,M.
JOURNAL Peptide nucleic acids
Patent: US 6451968-A 27 17-SEP-2002;
FEATURES
source
1. .20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1190 AGAGAGAGAAATCAGAGAA 1208
Db 19 AGAGAGAGAAAGAGAGAGAA 1

RESULT 1254
LOCUS AR231291/c 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 28 from patent US 6451968.
ACCESSION AR231291
VERSION AR231291.1 GI:27272222
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Egholm,M., Nielsen,P., Buchardt,O., Dueholm,K.L., Christensen,L.,
Coull,J.M., Kieley,J. and Griffith,M.
TITLE Peptide nucleic acids
JOURNAL Patent: US 6451968-A 28 17-SEP-2002;
FEATURES
source
1. .20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1190 AGAGAGAGAAATCAGAGAA 1208
Db 19 AGAGAGAGAAAGAGAGAGAA 1

RESULT 1255
LOCUS AR231292/c 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 29 from patent US 6451968.
ACCESSION AR231292
VERSION AR231292.1 GI:27272223
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Egholm,M., Nielsen,P., Buchardt,O., Dueholm,K.L., Christensen,L.,
Coull,J.M., Kieley,J. and Griffith,M.
TITLE Peptide nucleic acids
JOURNAL Patent: US 6451968-A 29 17-SEP-2002;
FEATURES
source
1. .20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1190 AGAGAGAGAAATCAGAGAA 1208
Db 19 AGAGAGAGAAAGAGAGAGAA 1

RESULT 1256
LOCUS AR231293/c 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 30 from patent US 6451968.
ACCESSION AR231293
VERSION AR231293.1 GI:27272224
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Egholm,M., Nielsen,P., Buchardt,O., Dueholm,K.L., Christensen,L.,
Coull,J.M., Kieley,J. and Griffith,M.
TITLE Peptide nucleic acids
JOURNAL Patent: US 6451968-A 30 17-SEP-2002;
FEATURES
source
1. .20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1190 AGAGAGAGAAATCAGAGAA 1208
Db 19 AGAGAGAGAAAGAGAGAGAA 1

RESULT 1257
LOCUS AR231324/c 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 63 from patent US 6451968.
ACCESSION AR231324
VERSION AR231324.1 GI:27272255
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Egholm,M., Nielsen,P., Buchardt,O., Dueholm,K.L., Christensen,L.,
Coull,J.M., Kieley,J. and Griffith,M.
TITLE Peptide nucleic acids
JOURNAL Patent: US 6451968-A 63 17-SEP-2002;
FEATURES
source
1. .20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1190 AGAGAGAGAAATCAGAGAA 1208
Db 19 AGAGAGAGAAAGAGAGAGAA 1

RESULT 1258
LOCUS AR233429/c 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 58 from patent US 6458532.
ACCESSION AR233429
VERSION AR233429.1 GI:27276020
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Detera-Wadleigh,S.D., Yoshikawa,T., Sanders,A.R. and Esterling,L.E.
TITLE Polynucleotides encoding IMP 18p myo-inositol monophosphatase and

JOURNAL methods of detecting said polynucleotides
Patent: US 6458532-A 58 01-OCT-2002;
Location/Qualifiers
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4899 CCATCTGCTTGGCTTCCA 4917
DB 20 CCCTCTGTTTTCCTTCCA 2

RESULT 1259
AR233647/c AR233647 20 bp DNA linear PAT 20-DEC-2002
LOCUS
DEFINITION Sequence 9 from patent US 6458536.
ACCESSION AR233647
VERSION AR233647.1 GI:27276271
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS Gatti,R.A.
TITLE Modified SSCP method using sequential electrophoresis of multiple
JOURNAL nucleic acid segments
Patent: US 6458536-A 9 01-OCT-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 316 CTGGGCTCTCCCTCCCT 334
DB 19 CTTGACTCTCCCTCTCT 1

RESULT 1260
AR237490 AR237490 20 bp DNA linear PAT 20-DEC-2002
LOCUS
DEFINITION Sequence 22 from patent US 6465629.
ACCESSION AR237490
VERSION AR237490.1 GI:27282240
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Wong,A.K.C., Tavtigian,S.V. and Teng,D.H.F.
JOURNAL BRG1 is a tumor suppressor that is mutated in prostate and other
Patent: US 6465629-A 22 15-OCT-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3283 AGCCCGAGCCTGAAGAGC 3301
DB 1 AGCCCTGGCCTGAAGAGC 19

RESULT 1261

AR241047 AR241047 20 bp DNA linear PAT 20-DEC-2002
LOCUS
DEFINITION Sequence 18 from patent US 6468796.
ACCESSION AR241047
VERSION AR241047.1 GI:27286264
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Watt,A.T.
JOURNAL Antisense modulation of bifunctional apoptosis regulator expression
Patent: US 6468796-A 18 22-OCT-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1640 CCCAGTCCAGGTGGTGAG 1658
DB 2 CACAGTTCAGGTGGTGAG 20

RESULT 1262
AR241075 AR241075 20 bp DNA linear PAT 20-DEC-2002
LOCUS
DEFINITION Sequence 46 from patent US 6468796.
ACCESSION AR241075
VERSION AR241075.1 GI:27286292
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Watt,A.T.
JOURNAL Antisense modulation of bifunctional apoptosis regulator expression
Patent: US 6468796-A 46 22-OCT-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2674 TTCCTCCACTGCTGTAGC 2692
DB 1 TCTCTCCACTGCTTCACG 19

RESULT 1263
AR257222 AR257222 20 bp DNA linear PAT 20-DEC-2002
LOCUS
DEFINITION Sequence 77 from patent US 6485974.
ACCESSION AR257222
VERSION AR257222.1 GI:27307006
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Popoff,I.
JOURNAL Antisense modulation of PTPN2 expression
Patent: US 6485974-A 77 26-NOV-2002;
FEATURES Location/Qualifiers
source 1..20

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3283 AGCCCGAGCCTGAAGAGC 3301
DB 1 AGCCCTGGCCTGAAGAGC 19

/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1846 AGTTGCTGGGGAACCTA 1864
DB 2 ACCTGCTGGGCAAAATTA 20

RESULT 1264
AR271204/c 20 bp DNA linear PAT 10-APR-2003
LOCUS AR271204
DEFINITION Sequence 147 from patent US 6503152.
ACCESSION AR271204
VERSION AR271204.1 GI:29702507
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Pelz,D.T.
TITLE Putting trainer
JOURNAL Patent: US 6503152-A 147 07-JAN-2003;
FEATURES
Source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4684 TTGAGCCAGTCTCTGGACC 4702
DB 20 TTGACCGAGTCTGGGACC 2

RESULT 1265
AR279834/c 20 bp DNA linear PAT 10-APR-2003
LOCUS AR279834
DEFINITION Sequence 31 from patent US 6518018.
ACCESSION AR279834
VERSION AR279834.1 GI:29714979
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Szostak,J.W. and Roberts,R.W.
TITLE RNA-antibody fusions and their selection
JOURNAL Patent: US 6518018-A 31 11-FEB-2003;
FEATURES
Source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5397 AAATACAAAAAGAAAAA 5415
DB 19 AAATACCAAAAAA 1

RESULT 1266
AR293020/c 20 bp DNA linear PAT 12-JUN-2003
LOCUS AR293020
DEFINITION Sequence 4755 from patent US 6537751.
ACCESSION AR293020

VERSION AR293020.1 GI:31680304
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Ballelic markers for use in constructing a high density
JOURNAL Patent: US 6537751-A 4755 25-MAR-2003;
FEATURES
Source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1191 GAGAGAAATCAGAGAA 1209
DB 19 GAAAGAAATCTGTGAA 1

RESULT 1267
AR295317/c 20 bp DNA linear PAT 12-JUN-2003
LOCUS AR295317
DEFINITION Sequence 7052 from patent US 6537751.
ACCESSION AR295317
VERSION AR295317.1 GI:31682601
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Ballelic markers for use in constructing a high density
JOURNAL Patent: US 6537751-A 7052 25-MAR-2003;
FEATURES
Source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4874 AGTTCTTCTCTGCAAC 4892
DB 19 ACTTCTTCTCTGTACC 1

RESULT 1268
AR300294/c 20 bp DNA linear PAT 12-JUN-2003
LOCUS AR300294
DEFINITION Sequence 96 from patent US 6537775.
ACCESSION AR300294
VERSION AR300294.1 GI:31687713
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Tourlier-Lasserre,E., Joutel,A., Bousser,M.-G. and Bach,J.-P.
TITLE Gene involved in cadasil, method of diagnosis and therapeutic
JOURNAL Patent: US 6537775-A 96 25-MAR-2003;
FEATURES
Source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4206 CATTCCTGCTCCTCTGTG 4224
|||||
DB 2 CATTCCTGCTCCTCTGTG 20

RESULT 1269

AR301007 AR301007 20 bp DNA linear PAT 12-JUN-2003
LOCUS AR301007 Sequence 64 from patent US 6538108.
ACCESSION AR301007
VERSION AR301007.1 GI:31688697
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Lisfay, R.M., Bronner, C.R., Baker, S.M., Bollag, R.J. and Kolodner, R.D.

TITLE Compositions and methods relating to DNA mismatch repair genes
JOURNAL Patent: US 6538108-A 64 25-MAR-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 335 GGCTTTCTCTACCACTCCC 353
|||||
DB 2 GGCTTTCTCTACCACTCCC 20

RESULT 1270

AR307819/c AR307819 20 bp DNA linear PAT 12-JUN-2003
LOCUS AR307819 Sequence 30 from patent US 6551826.
ACCESSION AR307819
VERSION AR307819.1 GI:31698575
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Watt, A.T.

TITLE Antisense modulation of raidd expression
JOURNAL Patent: US 6551826-A 30 22-APR-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4624 CAGTACGAGAGGCTGTGG 4642
|||||
DB 19 CAGTACGAGAGGAGCTGG 1

RESULT 1271

AR311370 AR311370 20 bp DNA linear PAT 12-JUN-2003
LOCUS AR311370 Sequence 1907 from patent US 6559294.
ACCESSION AR311370
VERSION AR311370.1 GI:31704796
KEYWORDS

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Griffiths, R., Hoiseeth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A., Sankaran, B. and Fletcher, L.D.

TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 1907 06-MAY-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3306 CCGGAGAGGAGGAGGCTG 3324
|||||
DB 2 CCGGAGAGGAGGAGGCTG 20

RESULT 1272

AR313845 AR313845 20 bp DNA linear PAT 12-JUN-2003
LOCUS AR313845 Sequence 4382 from patent US 6559294.
ACCESSION AR313845
VERSION AR313845.1 GI:31707271
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)
AUTHORS Griffiths, R., Hoiseeth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A., Sankaran, B. and Fletcher, L.D.

TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 4382 06-MAY-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3703 TCTCTGCTCTCAAGGG 3721
|||||
DB 1 TCTCTGCTCTCAAGGG 19

RESULT 1273

AR313938 AR313938 20 bp DNA linear PAT 12-JUN-2003
LOCUS AR313938 Sequence 4475 from patent US 6559294.
ACCESSION AR313938
VERSION AR313938.1 GI:31707364
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)
AUTHORS Griffiths, R., Hoiseeth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A., Sankaran, B. and Fletcher, L.D.

TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 4475 06-MAY-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4843 CCTGGCTTTGGCTGACCT 4861
Db 1 CCTGGCTTTGGCTGACTCT 19

RESULT 1274
AR314041 AR314041 20 bp DNA PAT 12-JUN-2003
DEFINITION Sequence 4578 from patent US 6559294.
ACCESSION AR314041
VERSION AR314041.1 GI:31707467
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Griffiths,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 4578 06-MAY-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2773 CTCTTAGTGTGCACTTCT 2791
Db 2 CTGTAGTGGGCACTTCT 20

RESULT 1275
AR314999/c AR314999 20 bp DNA PAT 12-JUN-2003
DEFINITION Sequence 5536 from patent US 6559294.
ACCESSION AR314999
VERSION AR314999.1 GI:31708425
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Griffiths,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 5536 06-MAY-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5244 CAGAGCAAGCCAAAGAG 5262
Db 19 CAGAGCTAGCAAAAGAG 1

RESULT 1276
AR315770 AR315770 20 bp DNA PAT 12-JUN-2003
DEFINITION Sequence 6307 from patent US 6559294.
ACCESSION AR315770
VERSION AR315770.1 GI:31709196
KEYWORDS
SOURCE Unknown.

ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Griffiths,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 6307 06-MAY-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4543 TATGAGACGAGCTGATAG 4561
Db 2 TGTGAGACGAGCTTAAG 20

RESULT 1277
AR315919 AR315919 20 bp DNA PAT 12-JUN-2003
DEFINITION Sequence 6456 from patent US 6559294.
ACCESSION AR315919
VERSION AR315919.1 GI:31709345
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Griffiths,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 6456 06-MAY-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2948 ACCTGAGAGCTGACCT 2966
Db 2 ACCTTAGGAGCTGTACT 20

RESULT 1278
AR316062 AR316062 20 bp DNA PAT 12-JUN-2003
DEFINITION Sequence 6599 from patent US 6559294.
ACCESSION AR316062
VERSION AR316062.1 GI:31709488
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Griffiths,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 6599 06-MAY-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4846 GGCTTTGCTGACCCCTTCT 4864
DB 1 GGCTTTGACGACCCCTTTT 19

RESULT 1279
AR317355
LOCUS AR317355 20 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 7 from patent US 6562955.
ACCESSION AR317355
VERSION AR317355.1 GI:33698449
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Iehizuka,T., Ishiguro,T. and Saitoh,J.
TITLE Oligonucleotides for detection of Vibrio parahaemolyticus and detection method for Vibrio parahaemolyticus using the same oligonucleotides
JOURNAL Patent: US 6562955-A 7 13-MAY-2003;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 150 GGACCCAGAGAGGAGAGA 168
DB 2 GGAAACGAGAGAGAGAAA 20

RESULT 1280
AR337708
LOCUS AR337708 20 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 43 from patent US 6566514.
ACCESSION AR337708
VERSION AR337708.1 GI:33724276
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wright,J.A., Young,A.H. and Lee,Y.S.
TITLE Oligonucleotide sequences complementary to thioredoxin or thioredoxin reductase genes and methods of using same to modulate cell growth
JOURNAL Patent: US 6566514-A 43 20-MAY-2003;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 294 TTCAGTGTCTTGACGACC 312
DB 2 TTCAGAGTCTTGACGGC 20

RESULT 1281
AR350285
LOCUS AR350285 20 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 62 from patent US 6586245.
ACCESSION AR350285
VERSION AR350285.1 GI:33751256
KEYWORDS

SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.F., Baker,B.F., Wyatt,J. and Davis,S.E.
TITLE Antisense modulation of Cp40 ligand expression
JOURNAL Patent: US 6586245-A 62 01-JUL-2003;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1180 AGAGAAAGAGAGAGAGA 1198
DB 2 AGAGATGAGAGAGAGA 20

RESULT 1282
AR359520
LOCUS AR359520 20 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 113 from patent US 6593305.
ACCESSION AR359520
VERSION AR359520.1 GI:33766243
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wright,J.A.
TITLE Antitumor antisense sequences directed against R1 and R2 components of ribonucleotide reductase
JOURNAL Patent: US 6593305-A 113 15-JUL-2003;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4802 TCAGCAGCTGAGATCAA 4820
DB 2 TCAGCAGCCAAAGTATCTA 20

RESULT 1283
AR363561
LOCUS AR363561 20 bp DNA linear PAT 03-SEP-2003
DEFINITION Sequence 29 from patent US 5219727.
ACCESSION AR363561
VERSION AR363561.1 GI:34425381
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wang,A.M., Doyle,M.V. and Mark,D.F.
TITLE Quantitation of nucleic acids using the polymerase chain reaction
JOURNAL Patent: US 5219727-A 29 15-JUN-1993;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4289 ACTGCTCATTCGAGAGA 4307
 Db 19 ACTGCTCATTCGAGAGA 1

RESULT 1284

AR373486 20 bp DNA linear PAT 18-DEC-2003
 LOCUS Sequence 56 from patent US 6602713.
 DEFINITION AR373486
 ACCESSION AR373486
 VERSION AR373486.1 GI:40075615
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Wyatt,J.
 TITLE Antisense modulation of protein phosphatase 2 catalytic subunit
 JOURNAL Patent: US 6602713-A 56 05-AUG-2003;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 7.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5230 TACAGAGAGTTCACAGA 5248
 Db 19 TACAGAGAGTTCACAGA 1

RESULT 1285

AR373728 20 bp DNA linear PAT 18-DEC-2003
 LOCUS Sequence 120 from patent US 6602857.
 DEFINITION AR373728
 ACCESSION AR373728
 VERSION AR373728.1 GI:40076139
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Cowsebt,L.M., Wyatt,J., Monia,B.P., Butler,M.M. and McKay,R.
 TITLE Antisense modulation of PTP1B expression
 JOURNAL Patent: US 6602857-A 120 05-AUG-2003;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 7.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 196 TGCCCAACCCCATCTCCC 214
 Db 1 TGCTCCACACCATCTCCC 19

RESULT 1286

AR373729 20 bp DNA linear PAT 18-DEC-2003
 LOCUS Sequence 121 from patent US 6602857.
 DEFINITION AR373729
 ACCESSION AR373729
 VERSION AR373729.1 GI:40076140
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 20)

REFERENCE 1 (bases 1 to 20)

AUTHORS Cowsebt,L.M., Wyatt,J., Monia,B.P., Butler,M.M. and McKay,R.
 TITLE Antisense modulation of PTP1B expression
 JOURNAL Patent: US 6602857-A 121 05-AUG-2003;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 7.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 196 TGCCCAACCCCATCTCCC 214
 Db 2 TGCTCCACACCATCTCCC 20

RESULT 1287

AR475664 20 bp DNA linear PAT 20-FEB-2004
 LOCUS Sequence 31 from patent US 6692960.
 DEFINITION AR475664
 ACCESSION AR475664
 VERSION AR475664.1 GI:42715147
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Bennett,C.F. and Freier,S.M.
 TITLE Antisense modulation of sphingosine-1-phosphate lyase expression
 JOURNAL Patent: US 6692960-A 31 17-FEB-2004;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 7.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2655 GCAGCCCACTCTGTGAG 2673
 Db 2 GGAGCCCACTCTGTGAG 20

RESULT 1288

AR478354 20 bp mRNA linear PAT 14-MAY-2004
 LOCUS Sequence 71 from patent US 6699663.
 DEFINITION AR478354
 ACCESSION AR478354
 VERSION AR478354.1 GI:47237006
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Fishman,J.A.
 TITLE Molecular sequence of swine retrovirus
 JOURNAL Patent: US 6699663-A 71 02-MAR-2004;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"
 /mol_type="mRNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 7.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3559 CAGAGACTCGATCAGAGA 3577
 Db 1 CAGAGACTCGAGACAGAGA 19

RESULT 1289
AR488803/c
LOCUS AR488803 20 bp DNA linear PAT 15-MAY-2004
DEFINITION Sequence 4 from patent US 6709817.
ACCESSION AR488803
VERSION AR488803.1 GI:47255001
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Zoghbi,H.Y., Van den Veyver,I.B., Amir,R. and Francke,U.
TITLES Method of screening Rett syndrome by detecting a mutation in MECP2
JOURNAL Patent: US 6709817-A 4 23-MAR-2004;
FEATURES
source Location/Qualifiers
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3485 AACCAAGTGTGATGACCCC 3503
DB 19 ACCCATGTATGATGACCCC 1

RESULT 1290
AR492701
LOCUS AR492701 20 bp DNA linear PAT 15-MAY-2004
DEFINITION Sequence 71 from patent US 6716975.
ACCESSION AR492701
VERSION AR492701.1 GI:47262215
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wyatt,J.
TITLES Antisense modulation of EDG1 expression
JOURNAL Patent: US 6716975-A 71 06-APR-2004;
FEATURES
source Location/Qualifiers
1.20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5142 ACATGACACCATTTGGCTC 5160
DB 1 ACATGACACCATTTGGCTC 19

RESULT 1291
AR493268/c
LOCUS AR493268 20 bp DNA linear PAT 15-MAY-2004
DEFINITION Sequence 300 from patent US 6720137.
ACCESSION AR493268
VERSION AR493268.1 GI:47264863
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Roder,M., Plaschke,J. and Ganai,M.
TITLES Microsatellite markers for plants of the species Triticum aestivum
and Triticum dicoccoides and the use of said markers
JOURNAL Patent: US 6720137-A 300 13-APR-2004;
FEATURES
source Location/Qualifiers
1.20

/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 880 TGGATTCATGATGATGCGG 898
DB 19 TGGATTCATGATGATGCGG 1

RESULT 1292
AR495009
LOCUS AR495009 20 bp DNA linear PAT 15-MAY-2004
DEFINITION Sequence 57 from patent US 6720488.
ACCESSION AR495009
VERSION AR495009.1 GI:47270393
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Kozel,M., Desai,N., Pace,G.M., Suttie,J., Carozzi,N., Boyce,C.,
Dawson,J.L., Dunder,E., Wright,M., Launis,K., Rothstein,S.J.,
Lewis,K., Warren,G. and Evola,S.
TITLES Transgenic maize seed and method for controlling insect pests
JOURNAL Patent: US 6720488-A 57 13-APR-2004;
FEATURES
source Location/Qualifiers
1.20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3113 ACCAGACCTGACCGAGCT 3131
DB 2 AGCTGACCTGACCGAGCT 20

RESULT 1293
AX007154/c
LOCUS AX007154 20 bp DNA linear PAT 06-SEP-2000
DEFINITION Sequence 4 from Patent WO0000638.
ACCESSION AX007154
VERSION AX007154.1 GI:9995045
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kok,W., Siljekens,P.T. and Van Deursen,P.B.
TITLES Tagging of rna amplicons generated by transcription-based
amplification
JOURNAL Patent: WO 0000638-A 4 06-JAN-2000;
DEURSEN PETERUS BERNARDUS HUGO (NL); AKZO NOBEL NV (NL); KOK WESSEL
(NL); SILJEKENS PETER THEODORUS GERA (NL)
FEATURES
source Location/Qualifiers
1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic oligonucleotide"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4493 CCGTACCTTCACCTCTGGA 4511
DB 20 CCGTACCTTCACCTCTGGA 2

RESULT 1294
AX041072/c 20 bp DNA linear PAT 23-NOV-2000
LOCUS Sequence 15 from Patent WO0065098.
DEFINITION AX041072
ACCESSION AX041072
VERSION AX041072.1 GI:11340642
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3319 AACCTGATGACGTGGCG 3337
DB 19 AACGTGATGACGTGGTG 1

RESULT 1295
AX053095 20 bp DNA linear PAT 12-JAN-2001
LOCUS Sequence 19 from Patent WO0071703.
DEFINITION AX053095
ACCESSION AX053095
VERSION AX053095.1 GI:12227152
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Combined DNA/RNA Molecule: Positions 1-4 and 17-20 are 2'-methoxyribose substituted nucleotides; positions 5-16 are deoxyribonucleotides"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3552 CAACGGCAGAGACTCGGA 3570
DB 1 CAATCGTCAGAGACTCCGA 19

RESULT 1296
AX106726 20 bp DNA linear PAT 30-APR-2001
LOCUS Sequence 18 from Patent WO0125444.
DEFINITION AX106726
ACCESSION AX106726
VERSION AX106726.1 GI:13922387
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1.20
/organism="synthetic construct"

SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide primer zc23252"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1744 ATCTCGATGCTGTAGATG 1762
DB 2 ATCAGCGATGCTGTAGAG 20

RESULT 1297
AX106727/c 20 bp DNA linear PAT 30-APR-2001
LOCUS Sequence 19 from Patent WO0125444.
DEFINITION AX106727
ACCESSION AX106727
VERSION AX106727.1 GI:13922388
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide primer zc23253"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1744 ATCTCGATGCTGTAGATG 1762
DB 19 ATCAGCGATGCTGTAGAG 1

RESULT 1298
AX116370 20 bp DNA linear PAT 11-MAY-2001
LOCUS Sequence 1493 from Patent WO0129262.
DEFINITION AX116370
ACCESSION AX116370
VERSION AX116370.1 GI:1403312
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1.20
/organism="synthetic construct"

Picoult-Newbury, L. and Pohl, M.
Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 1493 26-APR-2001;
Orchid Biosciences, Inc. (US)
Location/Qualifiers

/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3588 CCATGTTGCTGAGCTAAT 3606
|||||
DB 2 CCATGTTGACGAGCTAGT 20

RESULT 1299

AX149275/c AX149275 20 bp DNA linear PAT 08-JUN-2001
LOCUS Sequence 477 from Patent WO0136625.
DEFINITION AX149275
ACCESSION AX149275
VERSION AX149275.1 GI:14347799
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Wright,J.A., Young,A.H. and Dugourd,D.
TITLE Antisense oligonucleotide sequences derived from groel and groes as
JOURNAL inhibitors of microorganisms
Patent: WO 0136625-A 477 25-MAY-2001;
Genesense Technologies Inc. (CA)
FEATURES
source
1. .20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Antisense oligonucleotide"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3637 CCAATTGCTGAGATTGCAG 3655
|||||
DB 20 CCAATTGCTGAATGCAG 2

RESULT 1300

AX163843 AX163843 20 bp DNA linear PAT 22-JUN-2001
LOCUS Sequence 12 from Patent WO0140804.
DEFINITION AX163843
ACCESSION AX163843
VERSION AX163843.1 GI:14544912
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Hol,E.M. and van Leeuwen,F.W.
TITLE Clearance of aberrant protein in correlation with disease
JOURNAL Patent: WO 0140804-A 12 07-JUN-2001;
Koninklijke Nederlandse Akademie van Wetenschappen (NL)
FEATURES
source
1. .20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="3' primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1100 GCCTAGACCCAGAGACGA 1118
|||||

DB 1 GCCAAGCACCGAGAGAAA 19

RESULT 1301

AX167890/c AX167890 20 bp DNA linear PAT 03-JUL-2001
LOCUS Sequence 74 from Patent WO0142307.
DEFINITION AX167890
ACCESSION AX167890
VERSION AX167890.1 GI:14597210
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Salto,K., Ohe,N. and Satoh,H.
TITLE Mutant er g(a) and test systems for transactivation
JOURNAL Patent: WO 0142307-A 74 14-JUN-2001;
Sumitomo Chemical Company, Limited (JP)
FEATURES
source
1. .20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Designed oligonucleotide primer for PCR"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 397 CTCGGTCCGAAATGCTGAA 415
|||||
DB 19 CTCGGTCCGCAATGATGAA 1

RESULT 1302

AX167902 AX167902 20 bp DNA linear PAT 03-JUL-2001
LOCUS Sequence 86 from Patent WO0142307.
DEFINITION AX167902
ACCESSION AX167902
VERSION AX167902.1 GI:14597222
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Salto,K., Ohe,N. and Satoh,H.
TITLE Mutant er g(a) and test systems for transactivation
JOURNAL Patent: WO 0142307-A 86 14-JUN-2001;
Sumitomo Chemical Company, Limited (JP)
FEATURES
source
1. .20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Designed oligonucleotide primer for PCR"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2639 CCCTGAGCTGCTGCTGCA 2657
|||||
DB 2 CCCTGAGCTGCTGCTGCA 20

RESULT 1303

AX184029 AX184029 20 bp DNA linear PAT 06-AUG-2001
LOCUS Sequence 1782 from Patent WO0142511.
DEFINITION AX184029
ACCESSION AX184029
VERSION AX184029.1 GI:15135365
KEYWORDS
SOURCE Homo sapiens (human)

ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Daly, M., Hudson, T. J., Lander, E. S., Rioux, J. and Simnovitch, K.
TITLE Ibd.-related polymorphisms
JOURNAL Patent: WO 0142511-A 1782 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Ellipsis
Biotherapeutics Corporation (CA)

FEATURES
source
1. .20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5394 AAAAAATACAAAAAGAAA 5413
Db 1 AAAAAAGAAAAAAGAAA 20

RESULT 1304
LOCUS AX211697/c 20 bp DNA linear PAT 06-SEP-2001
DEFINITION Sequence 6 from Patent WO0158918.
ACCESSION AX211697
VERSION AX211697.1 GI:15523929
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Kurfurst, R. and Joly, R.
TITLE Novel oligonucleotides and use of oligonucleotides modulating the
expression of enzymes involved in the synthesis of melanin
pigments, as depigmentation agents
JOURNAL Patent: WO 0138918-A 6 16-AUG-2001;
LVMH RECHERCHE (FR)
FEATURES
source
1. .20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide antisens, complementaire de la
sequence nt 475-457 de l'ADNc du gene codant pour la
tyrosinase humaine (Genbank locus HUMTYRA)."

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1700 CTCGCATTGACAGATCCT 1718
Db 19 CTCGCATTGACAGATCCT 1

RESULT 1305
LOCUS AX293669/c 20 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 5431 from Patent WO0179548.
ACCESSION AX293669
VERSION AX293669.1 GI:17055352
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Barany, F., Zivvi, M., Gerry, N. P., Favis, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
sequence differences using ligase detection reaction

JOURNAL Patent: WO 0179548-A 5431 25-OCT-2001;
CORNBELL RESEARCH FOUNDATION, INC. (US)
FEATURES
source
1. .20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3835 GCTGCTCTTACCGCTGCG 3853
Db 20 GCTGCTCTTACCGATGCG 2

RESULT 1306
LOCUS AX293961 20 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 5723 from Patent WO0179548.
ACCESSION AX293961
VERSION AX293961.1 GI:17055644
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Barany, F., Zivvi, M., Gerry, N. P., Favis, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
sequence differences using ligase detection reaction
JOURNAL Patent: WO 0179548-A 5723 25-OCT-2001;
CORNBELL RESEARCH FOUNDATION, INC. (US)
FEATURES
source
1. .20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2632 GTCCCTCTCCCTGACGCTGC 2650
Db 1 GTGCTGTCTCTTCAGCTGC 19

RESULT 1307
LOCUS AX294799 20 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 6561 from Patent WO0179548.
ACCESSION AX294799
VERSION AX294799.1 GI:17056482
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Barany, F., Zivvi, M., Gerry, N. P., Favis, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
sequence differences using ligase detection reaction
JOURNAL Patent: WO 0179548-A 6561 25-OCT-2001;
CORNBELL RESEARCH FOUNDATION, INC. (US)
FEATURES
source
1. .20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1884 CCTGATCAGCGCTCGACC 1902
|||||
Db 2 CCTGGTACGCGACGAGCC 20

RESULT 1308
AX295649/c
LOCUS AX295649 20 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 7411 from Patent WO0179548.
ACCESSION AX295649
VERSION AX295649.1 GI:17057338
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Barany, F., Zivvi, M., Gerry, N.P., Favis, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL Patent: WO 0179548-A 7411 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 665 CGAGTGCATGAGGTGCG 683
|||||
Db 20 CAAGTTCATGAGGTGCG 2

RESULT 1309
AX296690/c
LOCUS AX296690 20 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 8452 from Patent WO0179548.
ACCESSION AX296690
VERSION AX296690.1 GI:17058379
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Barany, F., Zivvi, M., Gerry, N.P., Favis, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL Patent: WO 0179548-A 8452 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 39 CAGCAGCCGCGGCTCCAC 57
|||||
Db 19 CAGCATCCGCTGCTGCAC 1

RESULT 1310
AX298625/c
LOCUS AX298625 20 bp DNA linear PAT 26-NOV-2001
DEFINITION Sequence 259 from Patent WO0183749.
ACCESSION AX298625
VERSION AX298625.1 GI:17128615
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE 1
AUTHORS Bachmanov, A.A., Beauchamp, G.K., Chatterjee, A., de Jong, P.J., Li, S.,
Li, X., Ohmen, J.D., Reed, D.R., Rose, D. and Jorloff, M.G.
TITLE Gene and sequence variation associated with sensing carbohydrate
compounds and other sweeteners
JOURNAL Patent: WO 0183749-A 259 08-NOV-2001;
WARNER-LAMBERT COMPANY (US) ; The Monell Chemical Senses Center
(US)
FEATURES
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2640 CCTGAGCTGCTGCTGAG 2658
|||||
Db 20 CCTGCTGATGATGCTGTAG 2

RESULT 1311
AX326932/c
LOCUS AX326932 20 bp DNA linear PAT 07-JAN-2002
DEFINITION Sequence 128 from Patent WO0178894.
ACCESSION AX326932
VERSION AX326932.1 GI:18097643
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Kelch, T.
TITLE Novel human gene relating to respiratory diseases, obesity, and
inflammatory bowel disease
JOURNAL Patent: WO 0178894-A 128 25-OCT-2001;
Genome Therapeutics Corp. (US)
FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3720 GGACCTGATGAGAGCCT 3738
|||||
Db 20 GGACCTGGATTCAGAGCCT 2

RESULT 1312
AX339406/c
LOCUS AX339406 20 bp DNA linear PAT 10-JAN-2002
DEFINITION Sequence 11 from Patent WO0196579.
ACCESSION AX339406
VERSION AX339406.1 GI:18135596
KEYWORDS

SOURCE synthetic construct
ORGANISM artificial construct
REFERENCE 1
AUTHORS Miskolczi, P., Pettko-Szantner, A., Horvath, G., Dudits, D., Fehér, A.
TITLE A novel plant cyclin
JOURNAL Patent: WO 0196579-A 11 20-DEC-2001;
Cropsdesign N.V. (BE)
FEATURES
source
1. .20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="probe or primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4872 TCAGTTCTCTCTCTGCA 4890
|||||
20 TCAGTTCTCTCTCTGCA 2

RESULT 1313
AX402154/C 20 bp DNA linear PAT 02-SEP-2002
LOCUS
DEFINITION Sequence 16 from Patent WO0226813.
ACCESSION AX402154
VERSION AX402154.1 GI:21387297
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
TITLE A novel peptide - human muscle cell enhanced associative factor
JOURNAL Patent: WO 0226813-A 16 04-APR-2002;
SHANGHAI BIOWINDOW GENE DEV IN (CN)
FEATURES
source
1. .20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2832 TGAGGCGAGCGACACAGA 2850
|||||
19 TGATTCAGGCGACACAGA 1

RESULT 1314
AX402172 20 bp DNA linear PAT 02-SEP-2002
LOCUS
DEFINITION Sequence 34 from Patent WO0226813.
ACCESSION AX402172
VERSION AX402172.1 GI:21387315
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
TITLE A novel peptide - human muscle cell enhanced associative factor
JOURNAL Patent: WO 0226813-A 34 04-APR-2002;

SHANGHAI BIOWINDOW GENE DEV IN (CN)
FEATURES
source
1. .20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3945 ACAGCAGCTGATGATG 3963
|||||
1 ACAGCAGCTGATGATG 19

RESULT 1315
AX418725 20 bp DNA linear PAT 18-JUN-2002
LOCUS
DEFINITION Sequence 120 from Patent WO0210378.
ACCESSION AX418725
VERSION AX418725.1 GI:21523588
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial construct
REFERENCE 1
AUTHORS Cowse, L.M., Wyatt, J., Freiler, S.M., Monia, B.P., Butler, M.M. and
Mckay, R.
TITLE Antisense modulation of ptpb expression
JOURNAL Patent: WO 0210378-A 120 07-FEB-2002;
ISIS PHARMACEUTICALS, INC. (US)
FEATURES
source
1. .20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Antisense Oligonucleotide"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 196 TGCCGACACCCCATCTCC 214
|||||
1 TGCTCCGACACCATCTCC 19

RESULT 1316
AX418726 20 bp DNA linear PAT 18-JUN-2002
LOCUS
DEFINITION Sequence 121 from Patent WO0210378.
ACCESSION AX418726
VERSION AX418726.1 GI:21523589
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial construct
REFERENCE 1
AUTHORS Cowse, L.M., Wyatt, J., Freiler, S.M., Monia, B.P., Butler, M.M. and
Mckay, R.
TITLE Antisense modulation of ptpb expression
JOURNAL Patent: WO 0210378-A 121 07-FEB-2002;
ISIS PHARMACEUTICALS, INC. (US)
FEATURES
source
1. .20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Antisense Oligonucleotide"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Matches	16;	Conservative	0;	Mismatches	3;	Indels	0;	Gaps	0;
Qy	196	TCGCCACACCCCATCTCCC	214						
Db	2	TGCTCCGACACCATCTCCC	20						
RESULT 1317									
AX441426									
LOCUS	AX441426		20 bp	DNA	linear	PAT 03-JUL-2002			
DEFINITION	Sequence 57 from Patent EP1209237.								
ACCESSION	AX441426								
VERSION	AX441426.1		GI:21690407						
KEYWORDS									
SOURCE									
ORGANISM									
REFERENCE	1								
AUTHORS	Kosiel,M.G., Desai,N.M., Lewis,K.S., Kramer,V.C., Warren,G.W., Evola,S.V., Crossland,L.D., Wright,M.S., Merlín,E.J., Launís,K.L. and Rothstein,S.J.								
TITLE	Synthetic dna sequence having enhanced insecticidal activity in maize								
JOURNAL	Patent: EP 1209237-A 57 29-MAY-2002;								
FEATURES	Syngenta Participations AG (Ch)								
Source	Location/Qualifiers								
	1..20								
	/organism="synthetic construct"								
	/mol_type="unassigned DNA"								
	/db_xref="taxon:32630"								
	/note="primer MK25a28"								
Query Match	0.3%;	Score 14.2;	DB 1;	Length 20;					
Best Local Similarity	84.2%;	Pred. No. 7.5e+02;							
Matches	16;	Conservative	0;	Mismatches	3;	Indels	0;	Gaps	0;
Qy	3113	ACCGAGCCCTGACCGAGCT	3131						
Db	2	AGCTGACCTGACCGTGCT	20						
RESULT 1318									
AX453922									
LOCUS	AX453922		20 bp	DNA	linear	PAT 06-JUL-2002			
DEFINITION	Sequence 57 from Patent EP1213356.								
ACCESSION	AX453922								
VERSION	AX453922.1		GI:21713580						
KEYWORDS									
SOURCE									
ORGANISM									
REFERENCE	1								
AUTHORS	Kosiel,M.G., Desai,N.M., Lewis,K.S., Kramer,V.C., Warren,G.W., Evola,S.V., Crossland,L.D., Wright,M.S., Merlín,E.J., Launís,K.L. and Rothstein,S.J.								
TITLE	Synthetic dna sequence having enhanced insecticidal activity in maize								
JOURNAL	Patent: EP 1213356-A 57 12-JUN-2002;								
FEATURES	Syngenta Participations AG (Ch)								
Source	Location/Qualifiers								
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	/organism="synthetic construct"								
	/mol_type="unassigned DNA"								
	/db_xref="taxon:32630"								
	/note="primer MK25a28"								
Query Match	0.3%;	Score 14.2;	DB 1;	Length 20;					
Best Local Similarity	84.2%;	Pred. No. 7.5e+02;							
Matches	16;	Conservative	0;	Mismatches	3;	Indels	0;	Gaps	0;
Qy	3113	ACCGAGCCCTGACCGAGCT	3131						
Db	2	AGCTGACCTGACCGTGCT	20						

[illegible]

```

ORGANISM    synthetic construct
REFERENCE    artificial sequences.
AUTHORS      1 Bodnar,J.S., Castellani,L.W., Chatterjee,A., de Jong,P.,
              Lusis,A.J., Ohmen,J., Ross,D., Tatuiri,S. and Wu,C.
              Gene and sequence variation associated with cancer
              Patent: WO 0220848-A 312 14-MAR-2002;
              THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
FEATURES
  source
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      /organism="synthetic construct"
      /mol_type="unassigned DNA"
      /db_xref="taxon:32630"
      /note="Synthetic Primer"

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3634 TTCCCAATTGCTGAGATTG 3652
Db      1 TTCCCAATTGCAAGGCTTG 19

RESULT 1322
LOCUS      AX488440      20 bp      DNA      linear      PAT 16-AUG-2002
DEFINITION Sequence 5740 from Patent WO02053728.
ACCESSION  AX488440
VERSION     AX488440.1 GI:22322520
KEYWORDS
SOURCE      Candida albicans
            Candida albicans
            Burkholderia; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
            Saccharomycetales; Mitosporic Saccharomycetales; Candida.
REFERENCE    1 Roemer,T., Jiang,B., Boone,C., Bussey,H. and Ohlsen,K.L.
              Gene disruption methodologies for drug target discovery
              Patent: WO 02053728-A 5740 11-JUL-2002;
              Bilitra Pharmaceuticals, Inc. (US)
FEATURES
  source
    1..20
      /organism="Candida albicans"
      /mol_type="unassigned DNA"
      /db_xref="taxon:5476"

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      479 ACCTGGGAACATCCCCGAG 497
Db      1 ACATGGGAACATCGGCAG 19

RESULT 1323
LOCUS      AX512423      20 bp      DNA      linear      PAT 27-SEP-2002
DEFINITION Sequence 179 from Patent WO02053742.
ACCESSION  AX512423
VERSION     AX512423.1 GI:23392675
KEYWORDS
SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
REFERENCE    1 Kehuda,R., Alsbrook,J.P., Tchertnev,V.T., Liu,X., Spytek,K.A.,
              Paturskjan,M., Groesse,W.M., Lepley,D.M., Burgess,C.E., Vernet,C.A.,
              Li,L., Gorman,U., Edinger,S., Scioire,P., Bilezman,K., Malyanekar,U.,
              Rothenberg,M., Stone,D., Boldog,F., Shenoy,S. and Anderson,D.
              Proteins and nucleic acids encoding same
              Patent: WO 02053742-A 179 11-JUL-2002;
              Curagen Corporation (US)
TITLE
JOURNAL

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FEATURES
  source
    1..20
      /organism="synthetic construct"
      /mol_type="unassigned DNA"
      /db_xref="taxon:32630"
      /note="Ag2421 Forward Primer"

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      752 TGGGCTGAGTCACTGTG 770
Db      1 TGAAGCTGAGCTCTCTGTG 19

RESULT 1324
LOCUS      AX526597      20 bp      DNA      linear      PAT 21-NOV-2002
DEFINITION Sequence 312 from Patent WO0220847.
ACCESSION  AX526597
VERSION     AX526597.1 GI:25171404
KEYWORDS
SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
REFERENCE    1 Bodnar,J.S., Castellani,L.W., Chatterjee,A., de Jong,P.,
              Lusis,A.J., Ohmen,J., Ross,D., Tatuiri,S. and Wu,C.
              Gene and sequence variation associated with lipid disorder
              Patent: WO 0220847-A 312 14-MAR-2002;
              THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
FEATURES
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      /organism="synthetic construct"
      /mol_type="unassigned DNA"
      /db_xref="taxon:32630"
      /note="Synthetic Primer"

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3634 TTCCCAATTGCTGAGATTG 3652
Db      1 TTCCCAATTGCAAGGCTTG 19

RESULT 1325
LOCUS      AX529080      20 bp      DNA      linear      PAT 21-NOV-2002
DEFINITION Sequence 7 from Patent WO0246459.
ACCESSION  AX529080
VERSION     AX529080.1 GI:25173128
KEYWORDS
SOURCE      Homo sapiens (human)
            Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
REFERENCE    1 Bascary,J.L.
              Method for the determination of at least one functional
              polymorphism in the nucleotide sequence of a preselected candidate
              gene and its applications
              Patent: WO 0246459-A 7 13-JUN-2002;
              Genodysee (FR)
FEATURES
  source
    1..20
      /organism="Homo sapiens"
      /mol_type="unassigned DNA"
      /db_xref="taxon:9606"

Query Match      0.3%; Score 14.2; DB 1; Length 20;

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Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3217 CTGCAGCTGTCAGCTGTG 3235
|||||
Db 20 CTGTAGCCTGTGACGTGTG 2

RESULT 1326

AX589808 20 bp DNA linear PAT 24-JAN-2003
LOCUS AX589808
DEFINITION Sequence 10 from Patent WO02079249.
ACCESSION AX589808
VERSION AX589808.1 GI:27901059
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1
AUTHORS Escary, J.L.
TITLE New polynucleotides and polypeptides of the ifn_g(a)-21 gene
JOURNAL Patent: WO 02079249-A 10 10-OCT-2002;
Genodyssee (FR)

FEATURES
source Location/Qualifiers
1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5316 AATTGTCTAGCAGGCTT 5334
|||||
Db 2 AATTCTTAGAGGCTCT 20

RESULT 1327

AX657332 20 bp DNA linear PAT 22-MAR-2003
LOCUS AX657332
DEFINITION Sequence 45 from Patent WO02100896.
ACCESSION AX657332
VERSION AX657332.1 GI:29160072
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1
AUTHORS dalla Venezia, N.L., Magnard, C.M., Lenoir, G.M. and
Stilnikova-Erard, O.
TITLE Method for diagnosing cancer susceptibility
JOURNAL Patent: WO 02100896-A 45 19-DEC-2002;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR);
UNIVERSITE CLAUDE BERNARD - LYON 1 (FR)

FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="amorce PCR"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5096 CTAGAGCCTCGGATCCC 5114
|||||
Db 19 CTGAGCCTTAGGAGACC 1

RESULT 1328

AX698779 20 bp DNA linear PAT 02-APR-2003
LOCUS AX698779
DEFINITION Sequence 15 from Patent WO02088328.
ACCESSION AX698779
VERSION AX698779.1 GI:29499568
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1
AUTHORS Belardelli, F., Santini, S.M., Parlato, S., di Pucchio, T., Logozzi, M.,
la Penta, C., Ferrantini, M., Santodonato, L. and D'Agostino, G.
TITLE Method for generating highly active human dendritic cells from
monocytes
JOURNAL Patent: WO 02088328-A 15 07-NOV-2002;
Istituto Superiore di Sanita (IT)

FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR primer-dendritic-specific chemokine 5' amplification primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2051 ACAAGAGCTCGGCGCCT 2069
|||||
Db 1 ACAAGAGCTCTGCTGCCT 19

RESULT 1329

AX703628 20 bp DNA linear PAT 03-APR-2003
LOCUS AX703628
DEFINITION Sequence 32 from Patent WO03006652.
ACCESSION AX703628
VERSION AX703628.1 GI:29538527
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1
AUTHORS Li, Z., Bonfils, C. and Besterman, J.
TITLE Inhibition of specific histone deacetylase isoforms
JOURNAL Patent: WO 03006652-A 32 23-JAN-2003;
MethyGene, Inc. (CA)

FEATURES
source Location/Qualifiers
1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 570 GAAGAGGAGGCTGAG 588
|||||
Db 19 GAAGATGAGGAGCGGAG 1

RESULT 1330

AX709055 20 bp DNA linear PAT 04-APR-2003
LOCUS AX709055
DEFINITION Sequence 6 from Patent WO02102997.
ACCESSION AX709055
VERSION AX709055.1 GI:29564729
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct

FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="amorce PCR"

REFERENCE 1
AUTHORS Men, L.Y.
TITLE Isolated homozygous stem cells differentiated cells derived therefrom and materials and methods for making and using same
JOURNAL Patent: WO 02102997-A 6 27-DEC-2002;
Stemron, Inc. (US)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2649 GCTGCTGACGACACTCT 2667
DB 20 GCTGACGACGACTACTCT 2

RESULT 1331
LOCUS AX719304 20 bp DNA linear PAT 15-APR-2003
DEFINITION Sequence 19 from Patent WO03022298.
ACCESSION AX719304
VERSION AX719304.1 GI:29891744
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
ARTIFICIAL SEQUENCES.

REFERENCE 1
AUTHORS Giraudon, P., Belin, M.F., Malcus, C., Colas, P., Antoine, J.C. and Homorat, J.
TITLE Utilisation d'une proteine de la famille des crmps pour le traitement des maladies liees au systeme immunitaire
JOURNAL Patent: WO 03022298-A 19 20-MAR-2003;
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) (FR)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1906 GCTCTGCAGAACCTCATTC 1924
DB 2 GCTCTCCAGAACATCATCC 20

RESULT 1332
LOCUS AX750503 20 bp DNA linear PAT 20-JUN-2003
DEFINITION Sequence 4028 from Patent EP1308459.
ACCESSION AX750503
VERSION AX750503.1 GI:32132921
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
ARTIFICIAL SEQUENCES.

REFERENCE 1
AUTHORS Isegai, T., Sugiyama, T., Otsuki, T., Wakamatsu, A., Sato, H., Ishii, S., Yamamoto, J., I., Isono, T., Hio, Y., Otsuka, K., Nagai, K., Irie, R., Tamechika, I., Seki, N., Yoshikawa, T., Otsuka, M., Nagahara, K. and Masuno, Y.
TITLE Full-length cDNA sequences

JOURNAL Patent: EP 1308459-A 4028 07-MAY-2003;
Helix Research Institute (JP) ; Research Association for Biotechnology (JP)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="an artificially synthesized primer sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4206 CATCCCGTCACTCTGTG 4224
DB 2 CATTCAGTCACTCTCTG 20

RESULT 1333
LOCUS AX752870 20 bp DNA linear PAT 23-JUN-2003
DEFINITION Sequence 13 from Patent WO03037373.
ACCESSION AX752870
VERSION AX752870.1 GI:32165631
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
ARTIFICIAL SEQUENCES.

REFERENCE 1
AUTHORS Jabbour, H.N., Sales, K.J. and Katz, A.
TITLE Use of an ep2 or ep4 receptor antagonist and/or a cox-1 inhibitor for treating cervical cancer
JOURNAL Patent: WO 03037373-A 13 08-MAY-2003;
MEDICAL RESEARCH COUNCIL (GB)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="5' PCR Primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4262 CCTTCCACTCTACTGAT 4280
DB 1 CCTTCTCTCTGTGCTGAT 19

RESULT 1334
LOCUS AX772968 20 bp DNA linear PAT 09-JUL-2003
DEFINITION Sequence 7 from Patent WO03046165.
ACCESSION AX772968
VERSION AX772968.1 GI:32485142
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
ARTIFICIAL SEQUENCES.

REFERENCE 1
AUTHORS Liou, J.R.
TITLE Regulation of human aldose reductase-like protein
JOURNAL Patent: WO 03046165-A 7 05-JUN-2003;
Bayer Aktiengesellschaft (DE)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Reverse primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3878 TGAAGAGACCGGTGACCGT 3896
DB 19 TGAAGAGACCGGTGAGAGT 1

RESULT 1335

LOCUS AX785499 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Sequence 7 from Patent WO03050299.
ACCESSION AX785499
VERSION AX785499.1 GI:32953119
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE 1 Cullen, P. and Seedorf, U.
AUTHORS Method for analysing hereditary masculine infertility
TITLE Patent: WO 03050299-A 7 19-JUN-2003;
JOURNAL OGHM GmbH (DE)

FEATURES
source Location/Qualifiers
1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1179 CAGAGAAAGAGAGAGAG 1197
DB 2 CAGAGAAAGAGATGAGAGAG 20

RESULT 1336

LOCUS AX785501 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Sequence 9 from Patent WO03050299.
ACCESSION AX785501
VERSION AX785501.1 GI:32953121
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE 1 Cullen, P. and Seedorf, U.
AUTHORS Method for analysing hereditary masculine infertility
TITLE Patent: WO 03050299-A 9 19-JUN-2003;
JOURNAL OGHM GmbH (DE)

FEATURES
source Location/Qualifiers
1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1179 CAGAGAAAGAGAGAGAG 1197
DB 2 CAGAGAAAGAGATGAGAGAG 20

RESULT 1337

AX785566

LOCUS AX785566 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Sequence 74 from Patent WO03050299.
ACCESSION AX785566
VERSION AX785566.1 GI:32953186
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE 1 Cullen, P. and Seedorf, U.
AUTHORS Method for analysing hereditary masculine infertility
TITLE Patent: WO 03050299-A 74 19-JUN-2003;
JOURNAL OGHM GmbH (DE)

FEATURES
source Location/Qualifiers
1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1563 GAGGAGAGCTGCGGAGAG 1581
DB 1 GAGGAGAGCTGTGTGAGAG 19

RESULT 1338

LOCUS AX804882 20 bp DNA linear PAT 25-NOV-2003
DEFINITION Sequence 1050 from Patent WO03060160.
ACCESSION AX804882
VERSION AX804882.1 GI:38522023
KEYWORDS
SOURCE Oreochromis niloticus (Nile tilapia)
ORGANISM Oreochromis niloticus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Actinopterygii; Neopterygii; Teleostei; Euteleostei; Neoteleostei;
Acanthomorphi; Acanthopterygii; Percormorpha; Perciformes;
Labroidae; Cichlidae; Oreochromis.

REFERENCE 1 Lie, Y., Sletten, A., Hoeyum, M. and Lingaas, F.
AUTHORS Verification of food origin based on nucleic acid pattern
recognition
TITLE Patent: WO 03060160-A 1050 24-JUL-2003;
JOURNAL Genomat ASA (NO)

FEATURES
source Location/Qualifiers
1..20
/organism="Oreochromis niloticus"
/mol_type="unassigned DNA"
/db_xref="taxon:8128"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 424 GGTAAAGCCAGGCAAG 442
DB 19 GGTAAAGCCAGGCAAG 1

RESULT 1339

LOCUS AX815731 20 bp DNA linear PAT 09-DEC-2003
DEFINITION Sequence 8 from Patent WO0306095.
ACCESSION AX815731
VERSION AX815731.1 GI:39646404
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.

AX815731
DEFINITION Sequence 8 from Patent WO0306095.
ACCESSION AX815731
VERSION AX815731.1 GI:39646404
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.

```

REFERENCE 1
AUTHORS Samson, J.N., Mebius, R.E., van Helvoort, J.M. and Kraal, G.
TITLE Modulating tolerance by modulating fcγsγammad, r11b receptor
JOURNAL Patent: WO 03066095-A 8 14-AUG-2003;
VERENIGING VOOR CHRISTELIJK WETENSCHAPPELIJK ONDERWIJS (NL)
FEATURES
SOURCE 1..20
/mol_type="synthetic construct"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence: reverse primer
TGP-beta 1"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3473 TCAGCAGACGGAACCAAG 3491
Db 1 TCAGCAGCCGCTTACCAAG 19

RESULT 1340
LOCUS AX823554 20 bp DNA linear PAT 11-DEC-2003
DEFINITION Sequence 5 from Patent WO03070927.
ACCESSION AX823554
VERSION AX823554.1 GI:39750005
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Liou, J.R.
TITLE Regulation of human gtpase
JOURNAL Patent: WO 03070927-A 5 28-AUG-2003;
Bayer Aktiengesellschaft (DE)
FEATURES
SOURCE 1..20
/mol_type="synthetic construct"
/db_xref="taxon:32630"
/note="forward primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2315 GGGCCATCATCTCCACCTT 2333
Db 1 GGACCTTCATCTCCACCTT 19

RESULT 1341
LOCUS AX826843 20 bp DNA linear PAT 11-DEC-2003
DEFINITION Sequence 65 from Patent WO03072823.
ACCESSION AX826843
VERSION AX826843.1 GI:39752357
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Grandchamp, B. and Mentre, F.
TITLE Method for in vitro detection of cancers by highlighting allelic
JOURNAL imbalances in insertion/deletion markers
ASSISTANCE PUBLIQUE, HOPITALUX DR PARIS (FR)
FEATURES
SOURCE 1..20
/mol_type="synthetic construct"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2244 GGCTGCTGAGGGCATCTG 2262

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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="SEQUENCE DESCRIPTION artificial: amore"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4221 TGTGCTGTGCTTACAC 4239
Db 1 TGTGCTGTGCTTACAC 19

RESULT 1342
LOCUS AX923558 20 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 55 from Patent WO03080667.
ACCESSION AX923558
VERSION AX923558.1 GI:40216576
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Colonna, M. and Panina, P.B.
TITLE A novel receptor trem (triggering receptor expressed on myeloid
JOURNAL cells) and uses thereof
PATENT: WO 03080667-A 55 02-OCT-2003;
Bioxell S.p.A. (IT)
FEATURES
SOURCE 1..20
/mol_type="synthetic construct"
/db_xref="taxon:32630"
/note="primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 79 CCTGCTGCGGCTCTC 97
Db 2 CCTGCTGCGGCTCTC 20

RESULT 1343
LOCUS AX925403 20 bp DNA linear PAT 19-DEC-2003
DEFINITION Sequence 15 from Patent WO02068619.
ACCESSION AX925403
VERSION AX925403.1 GI:40243651
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Lewin, D., Goddard, A.D., Grimaldi, J.C. and Chui, C.J.
TITLE Bit (brown fat inducible thioesterase) polypeptides and
JOURNAL polynucleotides and their use
PATENT: WO 02068619-A 15 06-SEP-2002;
Curagen Corporation (US); GENENTECH, INC. (US)
FEATURES
SOURCE 1..20
/mol_type="synthetic construct"
/db_xref="taxon:32630"
/note="primer oligonucleotide"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Db 20 GGCACTGAGGCACTAG 2

RESULT 1344
AX956279 20 bp DNA linear PAT 08-JAN-2004
LOCUS Sequence 186 from Patent WO03093505.
ACCESSION AX956279
VERSION AX956279.1 GI:40784805
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
REFERENCE
AUTHORS Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
TITLE 1 Mouthon, F., Nouvel, V. and Deslys, J.P.
METHOD for determining the presence of an unconventional transmissible agent responsible for transmissible subacute spongiform encephalopathy
PATENT: WO 03093505-A 186 13-NOV-2003;
COMMISSARIAT A L'ENERGIE ATOMIQUE (FR)
FEATURES
SOURCE Location/Qualifiers
1..20
/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2181 TTACCTTGCCAGGCTCTC 2199
DB 2 TCACCTTGCCAGGCTCTC 20

RESULT 1345
AX956308 20 bp DNA linear PAT 08-JAN-2004
LOCUS Sequence 215 from Patent WO03093505.
ACCESSION AX956308
VERSION AX956308.1 GI:40784834
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
TITLE 1 Mouthon, F., Nouvel, V. and Deslys, J.P.
METHOD for determining the presence of an unconventional transmissible agent responsible for transmissible subacute spongiform encephalopathy
PATENT: WO 03093505-A 215 13-NOV-2003;
COMMISSARIAT A L'ENERGIE ATOMIQUE (FR)
FEATURES
SOURCE Location/Qualifiers
1..20
/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 20 AATGGCAGGCACTTGAAG 2

RESULT 1346
BD012503 20 bp DNA linear PAT 02-AUG-2002
LOCUS

DEFINITION Guanosine triphosphate-binding protein-coupled receptors, genes thereof and production and use of the same.
ACCESSION BD012503
VERSION BD012503.1 GI:22092692
KEYWORDS WO 0109323-A/20.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Ota, T., Isegai, T., Nishikawa, T., Hayashi, K., Saito, K., Yamamoto, J., Ishii, S., Sugiyama, T., Wakamatsu, A., Nagai, K., Otsuki, T., Kishimoto, T., Yano, K., Kanazaki, K. and Inoue, Y.
TITLE Guanosine triphosphate-binding protein-coupled receptors, genes thereof and production and use of the same
PATENT: WO 0109323-A 20 08-FEB-2001;
JOURNAL HELIX RESEARCH INSTITUTE, TOSHIO OTA, TAKAO ISOGAI, TETSUO NISHIKAWA, KOJI HAYASHI, KAORU SAITO, JUNICHI YAMAMOTO, SHIZUKO ISHII, OMOYASU SUGIYAMA, AI WAKAMATSU, KEIICHI NAGAI, TETSUJI OTSUKI, TOSHIMITSU KISHIMOTO, KAZUHIRO YANO, KOJI KANZAKI, YOSHIIISA INOUE
PN WO 0109323-A/20
PD 08-FEB-2001
PR 28-JUL-2000 WO 2000JP005070
PR 29-JUL-1999 JP 99P 248036, 27-AUG-1999 JP 99P 300253 PR
11-JAN-2000 JP 00P 118776, 02-MAY-2000 JP 00P 183767 PR
18-OCT-1999 US 60/159590, 17-FEB-2000 US 60/183322 PI
OTA, TAKAO ISOGAI, TETSUO NISHIKAWA, KOJI HAYASHI, PI KAORU SAITO, PI JUNICHI YAMAMOTO, SHIZUKO ISHII, TOMOYASU SUGIYAMA, AI WAKAMATSU, PI KEIICHI NAGAI, TETSUJI OTSUKI, TOSHIMITSU KISHIMOTO, PI KAZUHIRO YANO, KOJI KANZAKI, YOSHIIISA INOUE
PC C12N15/12, C12N15/63, C12P21/02, C07K14/705, C07K16/28, A61K45/00, PC A61P35/00,
PC A61P25/28, G01N33/566, G01N33/50, G01N33/15
CC Description of Artificial Sequence: an artificially synthesized primer
CC A61P35/00,
CC sequence
FH key Location/Qualifiers
1..20
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1282 CCATGGAGCCTTCTGTGA 1300
DB 2 CCCTGGTAGCCTTCTCTGA 20

RESULT 1347
BD016953 20 bp DNA linear PAT 27-AUG-2002
LOCUS Oligonucleotide for detecting Vibrio parahaemolyticus.
DEFINITION BD016953
ACCESSION BD016953
VERSION BD016953.1 GI:22558129
KEYWORDS JP 2001258569-A/7.
SOURCE synthetic construct
ORGANISM artificial constructs.
REFERENCE
AUTHORS 1 (bases 1 to 20)
TITLE Ishizuka, T., Ishiguro, T. and Saito, H.
JOURNAL Oligonucleotide for detecting Vibrio parahaemolyticus
TOSOH CORP
OS Artificial Sequence
PN JP 2001258569-A/7
PD 25-SEP-2001
PF 17-MAR-2000 JP 2000081805

PI TETSUYA ISHIZUKA, TAKAHIRO ISHIGURO, HISAKAZU SAITO PC
 C12N15/09, C12Q1/68// (C12N15/09, C12R1:63), (C12Q1/68, C12R1:63), PC
 C12N15/00,
 PC (C12N15/00, C12R1:63)
 CC Oligonucleotide capable of binding specifically to trhl and
 trh2, or RNA
 CC derived therefrom
 FH Key Location/Qualifiers.
 1.20 Location/Qualifiers
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 7.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 150 GGACCCGAGAGGAGAGA 168
 DB 2 GGACCCGAGAGGAGAGA 20

RESULT 1348
 BD074608 20 bp DNA linear PAT 27-AUG-2002
 LOCUS Antisense oligonucleotide composition and modulation method of JNK
 DEFINITION protein.
 ACCESSION BD074608 GI:22620211
 VERSION BD074608.1 JP 2001514905-A/32.
 KEYWORDS synthetic construct
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 1 (bases 1 to 20)
 REFERENCE McKay, R., Dean, N., Monia, B.P., Scott, P., Nero and Gaarde, W.A.
 AUTHORS Antisense oligonucleotide composition and modulation method of JNK
 TITLE protein
 JOURNAL Patent: JP 2001514905-A 32 18-SEP-2001;
 ISIS PHARMACEUTICALS INC
 COMMENT OS Artificial Sequence
 PN JP 2001514905-A/32
 PD 18-SEP-2001
 PR 07-AUG-1998 JP 2000509875
 PR 13-AUG-1997 US 08/910629
 P1 ROBERT MCKAY, NICHOLAS DEAN, BRETT P MONIA, PAMELA SCOTT PI
 NERO, WILLIAM A GAARDE
 PC C12Q1/68, A61K31/7088, A61K48/00, A61P35/00, C12N15/09, C12P19/34,
 PC C12N15/00
 CC antisense sequence
 FH Key Location/Qualifiers
 FT source 1.20 Location/Qualifiers
 /organism="Artificial Sequence".
 1.20 Location/Qualifiers
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 7.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3749 ACGATGACTTCTGCGGCC 3767
 DB 2 ACGATGACTTCTGCGGCC 20

RESULT 1349
 BD083693 20 bp DNA linear PAT 27-AUG-2002
 LOCUS Method for assaying monkey B virus and primer used for it.
 DEFINITION
 ACCESSION BD083693

VERSION BD083693.1 GI:22629303
 KEYWORDS JP 2001321173-A/6.
 SOURCE synthetic construct
 ORGANISM synthetic construct
 artificial sequences.
 1 (bases 1 to 20)
 REFERENCE Nakamura, S., Hirano, M., and Ueda, M.
 AUTHORS Method for assaying monkey B virus and primer used for it
 TITLE Patent: JP 2001321173-A 6 20-NOV-2001;
 JOURNAL SRL INC SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES
 OS Artificial Sequence
 COMMENT PN JP 2001321173-A/6
 PD 20-NOV-2001
 PR 11-MAY-2000 JP 2000138503
 PI SHIN NAKAMURA, MAKOTO HIRANO, MASAHIRO UEDA
 PC C12N15/09, C12Q1/68// (C12N15/09, C12R1:93), (C12Q1/68, C12R1:93),
 PC C12N15/00,
 PC (C12N15/00, C12R1:93)
 CC Nucleic Acid for amplifying monkey B virus
 FH Key Location/Qualifiers
 FT source 1.20 Location/Qualifiers
 /organism="Artificial Sequence".
 1.20 Location/Qualifiers
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 7.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3255 CCAGACCTGCGCTCTGTG 3273
 DB 2 CCAGACCTGCGCTCTGTG 20

RESULT 1350
 BD088562/c 20 bp DNA linear PAT 27-AUG-2002
 LOCUS A method of arraying genome clone.
 DEFINITION BD088562
 ACCESSION BD088562.1 GI:22634172
 VERSION BD088562.1 JP 2001321190-A/806.
 KEYWORDS JP 2001321190-A/806.
 SOURCE synthetic construct
 ORGANISM synthetic construct
 artificial sequences.
 1 (bases 1 to 20)
 REFERENCE Soeda, B.
 AUTHORS A method of arraying genome clone
 TITLE Patent: JP 2001321190-A 806 20-NOV-2001;
 JOURNAL THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
 COMMENT GENOTECHS
 OS Artificial Sequence
 PN JP 2001321190-A/806
 PD 20-NOV-2001
 PR 12-MAR-2001 JP 2001068285
 P1 EIICHI SOEDA
 PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
 PC C12N15/00
 CC Description of Artificial Sequence: Synthetic DNA FH Key
 FH Key Location/Qualifiers
 FT source 1.20 Location/Qualifiers
 /organism="Artificial Sequence".
 1.20 Location/Qualifiers
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2256 CATCTGGCAAAAAGACC 2274
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20 CATCTGGAAAAGAGACC 2

RESULT 1351
BD090370/c 20 bp DNA linear PAT 27-AUG-2002
LOCUS BD090370
DEFINITION A method of arraying genome clone.
ACCESSION BD090370
VERSION BD090370.1 GI:22635980
KEYWORDS JP 2001321190-A/2614.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1 (bases 1 to 20)

REFERENCE
AUTHORS Soeda,E.
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 2614 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS

COMMENT
OS Artificial Sequence
PN JP 2001321190-A/2614
PD 20-NOV-2001
PF 12-MAR-2001 JP 2001068285
PI EIRICHI SOEDA
PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
C12N15/00,
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CC Description of Artificial Sequence:Synthetic DNA FH Key
Location/Qualifiers
FT source 1..20
FT 1..20 /organism='Artificial Sequence'.

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source Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5320 TGTCTAGCAGGCTTCCAG 5338
|||||
19 TGTCTAGCAGGCTTCCAG 1

RESULT 1352
BD091603 20 bp DNA linear PAT 27-AUG-2002
LOCUS BD091603
DEFINITION Novel serine protease BSSP6.
ACCESSION BD091603
VERSION BD091603.1 GI:22637214
KEYWORDS WO 0031257-A/17.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1 (bases 1 to 20)

REFERENCE
AUTHORS Uemura,H., Okui,A., Komitani,K., Yamaguchi,N. and Mitsuui,S.
TITLE Novel serine protease BSSP6
JOURNAL Patent: WO 0031257-A 17 02-JUN-2000;
FUSO PHARMACEUTICAL INDUSTRIES LTD, HIDEOTOSHI UEMURA, AKIRA OKUI,
KATSUYA KOMITANI, NOZOMI YAMAGUCHI, SHINICHI MITSUI
OS Artificial Sequence
PN WO 0031257-A/17
PD 02-JUN-2000
PF 19-NOV-1999 WO 1999/006476
PR 20-NOV-1998 JP 98P 347802
PI HIDEOTOSHI UEMURA, AKIRA OKUI, KATSUYA KOMITANI, NOZOMI YAMAGUCHI,
SHINICHI MITSUI

PC C12N15/12, C12N9/64, C12N5/06, C12M1/21, C07K16/40, C12P21/08, PC
A01K67/027,
PC G01N33/543
CC Designed oligonucleotide primer designated as hBSSP6F3 to CC
amplify
CC full-length human brain BSSP6-encoding mRNA (forward) FH Key
Location/Qualifiers
1..20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2604 GTCTCAGGGGAGAACCTG 2622
|||||
2 GACTCAGAGAGGAACTG 20

RESULT 1353
BD131981 20 bp DNA linear PAT 18-SEP-2002
LOCUS BD131981
DEFINITION Oligonucleotide sequence complementary to thioredoxin gene or
thioredoxin reductase gene and utilization thereof for controlling
cell proliferation.
ACCESSION BD131981
VERSION BD131981.1 GI:23226926
KEYWORDS JP 2002501743-A/43.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
1 (bases 1 to 20)

REFERENCE
AUTHORS Wright,J.A., Young,A.H. and Lee,Y.S.
TITLE Oligonucleotide sequence complementary to thioredoxin gene or
thioredoxin reductase gene and utilization thereof for controlling
cell proliferation.
JOURNAL Patent: JP 2002501743-A 43 22-JAN-2002;
GENSENSE TECHNOLOGIES INC

COMMENT
OS Homo sapiens (human)
PN JP 2002501743-A/43
PD 22-JAN-2002
PF 29-JAN-1999 JP 2000529423
PR 30-JAN-1998 US 60/073196
PI JIM A WRIGHT, AIRPING H YOUNG, YOON S LEE
PC C12N15/09, A61K31/711, A61K48/00, A61P35/00, A61P35/04, C07H21/04//
PC (A61K31/711, A61K45:00), (A61K48/00, A61K45:00), C12N15/00 CC
Oligonucleotide sequence complementary to thioredoxin gene or
thioredoxin
CC reductase gene and utilization thereof for controlling cell
proliferation
CC Key Location/Qualifiers
FH Key Location/Qualifiers
FT source 1..20
FT 1..20 /organism='Homo sapiens (human)'.
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 294 TTCCAGTGTCTTCAGGCC 312
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2 TTCCAGAGTCTTCAGGCC 20

RESULT 1354
BD132451

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LOCUS      BD132451          20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION A basal cell carcinoma tumor suppressor gene.
ACCESSION  BD132451
VERSION    BD132451.1 GI:23227396
KEYWORDS   JP 2002504805-A/63.
SOURCE     synthetic construct
ORGANISM   artificial construct
REFERENCE  1 (bases 1 to 20)
AUTHORS    Dean,M.E., Hahn,H., Wickling,C., Christensen,J.,
            Zaphiropoulos,P.G., Gallani,M.R., Shanley,S., Chidambaram,A.,
            Vorechovsky,I., Holmberg,B., Unden,A.B., Gillies,S., Negus,K.,
            Smyth,I., Pressman,C., Leffell,D.J., Gerrard,B., Goldstein,A.,
            Wainwright,B., Toftegard,R., Trench,G.C. and Bale,A.B.
            A basal cell carcinoma tumor suppressor gene
            Patent: JP 2002504805-A 63 12-FEB-2002;
            THE GOVERNMENT OF THE UNITED STATES OF AMERICA REPRESENTED BY THE
            SECRETARY DEPARTMENT OF THE HEALTH AND HUMAN SERVICES
TITLE      JOURNAL
COMMENT    PR 16-MAY-1997 JP 1997541164
            PR 17-MAY-1996 US 60/017906,21-MAY-1996 AU PO 0011 PR
            07-JUN-1996 AU PO 0363,14-JUN-1996 US 60/019765 PI
            MICHAEL,FREDERICK DEAN,HEIDI HAHN,CAROL WICKLING,JEFFREY PI
            CHRISTIANSEN,
            PI PETER G ZAPHIROPOULOS,MAE R GALLANI,SUSAN SHANLEY,ABIRAMI PI
            CHIDAMBARAM,
            PI IGOR VORECHOVSKI,ERIKA HOLMBERG,ANNE BINGITTE UNDEN,SUSAN PI
            GILLIES,
            PI KYLIE NEGUS,IAN SMYTH,CAROL PRESSMAN,DAVID J LEFFELL,BERNARD
            PI GERRARD,
            PI ALISA GOLDSTEIN,BRANDON WAINWRIGHT,RUNE TOFTGARD,GEORGIA PI
            CHEREVITZ TRENCH,
            PI ALLEN B BALE
            PC C12N15/12,C07K14/47,C12N5/10,C1201/68,G01N33/50,A61K48/00, PC
            A61K39/395,
            PC A61K38/17
            CC Strandedness: Single;
            CC Topology: Linear;
            FH Key Location/Qualifiers.
            1.20 Location/Qualifiers
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2322 CATCTCCACCTTTGTGAG 2340
DB 2 CTTGACCACCTCTGTGATG 20

RESULT 1355
LOCUS      BD141100          20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION A highly sensitive method for detecting nucleic acids.
ACCESSION  BD141100
VERSION    BD141100.1 GI:23236045
KEYWORDS   WO 0202814-A/10.
SOURCE     synthetic construct
ORGANISM   artificial construct
REFERENCE  1 (bases 1 to 20)
AUTHORS    Mineno,J., Miyamoto,R., Ishida,N., Takeya,T., Asada,K. and Kato,I.
            A highly sensitive method for detecting nucleic acids
            Patent: WO 0202814-A 10 10-JAN-2002;
            TAKAKA SHUZO CO LTD, JUNICHI MINENO, EDY MEIYANTO, NORIHIRO ISHIDA,
            TATSUO TAKEYA, KIYOZO ASADA, IKUNOSHIN KATO
            OS Artificial Sequence
            PN WO 0202814-A/10
COMMENT

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PD 10-JAN-2002
PF 04-JUL-2001 WO 2001JP005783
PR 05-JUL-2000 JP 00P 204177,26-APR-2001 JP 01P 129603 PI
JUNICHI MINENO, EDY MEIYANTO, NORIHIRO ISHIDA, TATSUO TAKEYA, PI
KIYOZO ASADA,
PI IKUNOSHIN KATO
PC C12Q1/68,C12P19/34,C12N15/09
CC Designed oligonucleotide primer to amplify a portion of GAPDH
CC
FH Key gene
FH source Location/Qualifiers
FT 1.20 /organism="Artificial Sequence".
FT Location/Qualifiers
FT 1.20 /organism="synthetic construct"
FT /mol_type="genomic DNA"
FT /db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1906 GCTCTGACGACCTCATTC 1924
DB 2 GCTCTCAGACATCATCC 20

RESULT 1356
LOCUS      BD142409          20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Method of culturing mesenchymal stem cells.
ACCESSION  BD142409
VERSION    BD142409.1 GI:23237354
KEYWORDS   WO 0222788-A/6.
SOURCE     synthetic construct
ORGANISM   artificial construct
REFERENCE  1 (bases 1 to 20)
AUTHORS    Kato,Y., Tautzumi,S. and Shimazu,A.
            Method of culturing mesenchymal stem cells
            Patent: WO 0222788-A 6 21-MAR-2002;
            YUKIO KATO, SHINICHI TSUTSUMI, ATSUSHI SHIMAZU
            OS Artificial Sequence
            PN WO 0222788-A/6
            PD 12-SEP-2001 WO 2001JP007914
            PR 12-SEP-2000 JP 00P 276971
            PI YUKIO KATO, SHINICHI TSUTSUMI, ATSUSHI SHIMAZU
            PC C12N5/06,C12N5/02//C12N5/06,C12R1/91,C12N5/02,C12R1/91 CC
            PCR primer
            FH Key Location/Qualifiers
            FH source 1.20 /organism="Artificial Sequence".
            FT Location/Qualifiers
            FT 1.20 /organism="synthetic construct"
            FT /mol_type="genomic DNA"
            FT /db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2322 CATCTCCACCTTTGTGAG 2340
DB 2 CTTGACCACCTCTGTGATG 20

RESULT 1357
LOCUS      BD143990          20 bp      DNA      linear      PAT 17-JAN-2003
DEFINITION Human bladder cancer antigen.
ACCESSION  BD143990

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VERSION BD143990.1 GI:27849748
KEYWORDS JP 2002112780-A/14.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1 (bases 1 to 20)
REFERENCE Kawakami,H., Fujita,T. and Ito,K.
AUTHORS Human bladder cancer antigen
TITLE Patent: JP 2002112780-A 14 16-APR-2002;
JOURNAL KEIO UNIVERSITY
COMMENT OS Artificial Sequence
PN JP 2002112780-A/14
PD 16-APR-2002
PF 03-OCT-2000 JP 2000304144
PI HIROSHI KAWAKAMI,TOMONOBU FUJITA,KEIICHI ITO
PC C12N15/09,A01K67/027,A61K38/00,A61K39/00,A61K45/00,A61P13/10,
PC A61P35/00,
PC C07K14/47,C07K16/30,C07K19/00,C12N1/15,C12N1/19,C12N1/21,C12N5/ PC
10,
PC C12P21/08,C12Q1/02,C12Q1/68,G01N33/15,G01N33/50,G01N33/53, PC
G01N33/566,
PC G01N33/574,G01N33/574,G01N33/577,C12N15/00,A61K37/02,C12N5/00
CC Description of Artificial Sequence:KU-BI-53 Forward Primer FH
Key Location/Qualifiers
FT source 1..20
FT /organism='Artificial Sequence'.
source 1..20
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2645 AGCTGCTGTCGAGCCACA 2663
DB 2 AGGAGCTGCTACAGCCACA 20

RESULT 1358
BD174246/c
LOCUS BD174246 20 bp DNA linear PAT 18-FEB-2003
DEFINITION Transgenic animal having drug-metabolizing enzyme gene and
utilization thereof.
ACCESSION BD174246.1 GI:28415585
VERSION WO 02066635-A/16.
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
1 (bases 1 to 20)
REFERENCE Katsuki,M., Kametaki,T., Teranishi,Y., Ishida,M. and Kato,M.
AUTHORS Transgenic animal having drug-metabolizing enzyme gene and
TITLE utilization thereof
JOURNAL Patent: WO 02066635-A 16 29-AUG-2002;
GENCOM CORP,MOTOYA KATSUKI,TETSUYA KAWATAKI,YUTAKA TERANISHI,
MITSUYOSHI ISHIDA,MINORU KATO
COMMENT OS Artificial Sequence
PN WO 02066635-A/16
PD 29-AUG-2002
PF 21-FEB-2002 WO 2002JP001555
PR 23-FEB-2001 JP 01P 047735
PI MOTOYA KATSUKI,TETSUYA KAWATAKI,YUTAKA TERANISHI,MITSUYOSHI
PI ISHIDA,
PI MINORU KATO
PC C12N15/09,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12Q1/02,A01K67/
PC 027,
PC A01K67/027,A61K45/00,A61P1/00,A61P3/10,A61P5/00,A61P9/00, PC
A61P11/00,
PC A61P13/12,A61P19/00,A61P25/00,A61P31/00,A61P35/00,A61P37/08 CC

DESCRIPTION OF Artificial Sequence: Synthetic DNA FH Key
Location/Qualifiers
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FT /organism='Artificial Sequence'.
source 1..20
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4775 AGGCGAGCAAAAAGGACT 4793
DB 19 AGGACGACGATTAAGGCT 1

RESULT 1359
S76103S1/c
LOCUS S76103S1 20 bp DNA linear PLN 07-MAY-1993
DEFINITION {TetI element homolog} [Solanum tuberosum=potatoes, line AM80/5793,
Genomic, 20 nt, segment 1 of 2].
ACCESSION S76103
VERSION S76103.1 GI:242476
KEYWORDS 1 of 2
SEGMENT Solanum tuberosum (potato)
SOURCE Solanum tuberosum
ORGANISM Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
asterids; lamiales; Solanales; Solanaceae; Solanum.
1 (bases 1 to 20)
REFERENCE Kikuchi,S., Liu,X.J., Frommer,W.B., Koster-Topfer,M. and
AUTHORS Willmitzer,L.
TITLE Identification and structural characterization of further DNA
elements in the potato and pepper genomes homologous to the
transposable element-like insertion TetI
JOURNAL Mol. Gen. Genet. 230 (3), 494-498 (1991)
MEDLINE 92114881
PubMed 1662769
REMARK Genbank staff at the National Library of Medicine created this
entry [NCBI gisdbq/76103] from the original journal article.
FEATURES
source 1..20
/organism='Solanum tuberosum'
/mol_type='genomic DNA'
/db_xref='taxon:4113'

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2386 ATTCACTCTGTTCGAG 2404
DB 20 ATACGCCCTGTTCGAG 2

RESULT 1360
AB166603
LOCUS AB166603 20 bp DNA linear SYN 01-JUN-2004
DEFINITION Synthetic construct DNA, reverse primer for microsatellite
NRD1KM012.
ACCESSION AB166603
VERSION AB166603.1 GI:47827149
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
1
REFERENCE Ihara,N., Takasuga,A., Mizoshita,K., Takeda,H., Sugimoto,M.,
AUTHORS Mizoguchi,Y., Hirano,T., Itoh,T., Watanabe,T., Reed,K.M.,

Snelling, M.M., Kappes, S.M., Beattie, C.W., Bennett, G.L. and Sugimoto, Y.
A comprehensive genetic map of the cattle genome based on 3802 microsatellites
JOURNAL Unpublished
REFERENCE 2 (bases 1 to 20)
AUTHORS Sugimoto, Y., Ihara, N. and Mizoshita, K.
TITLE Direct Submision
JOURNAL Submitted (04-MAR-2004) Yoshihaku Sugimoto, Shitakawa Institute of Animal Genetecis, Odakura, Nishigo, Nishit-shitakawa, Fukushima 961-8061, Japan (E-mail: kazunugi@slag.or.jp, Tel: 81-248-25-5641, Fax: 81-248-25-5725)
FEATURES
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1..20
/organism="synthetic construct"
/mol_type="other DNA"
/db_xref="taxon:32630"
/chromosome="20"
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1..20
/note="reverse primer for microsatellite NRDI012"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4601 ATGCACAGGCTGAGCCA 4619
Db 1 ATCCACAGGCTGAGCCA 19

RESULT 1361
LOCUS 109291 14 bp DNA 1linear PAT 02-DEC-1994
DEFINITION Sequence 4 from Patent WO 8902471.
ACCESSION 109291
VERSION 109291.1 GI:587997
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 14)
AUTHORS Talmadge, K.D. and Hilliker, S.
TITLE RECOMBINANT DNA CONSTRUCTS CONTAINING AN r3 PROMOTER
JOURNAL Patent: WO 8902471-A 4 23-MAR-1989;
FEATURES
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5361 AATTAATAATTTT 5374
Db 1 AATTAATAATTTT 14

RESULT 1362
LOCUS AX572880 15 bp DNA 1linear PAT 29-NOV-2002
DEFINITION Sequence 3 from Patent WO02059352.
ACCESSION AX572880
VERSION AX572880.1 GI:26004964
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Lopez-Calle, B., Fries, J. and Jungmann, J.
TITLE Methods and means for detecting enzymatic cleavage and linkage reactions
JOURNAL Patent: WO 02059352-A 3 01-AUG-2002;

Evotec OAI AG (DE)
Location/Qualifiers
FEATURES
source
1..15
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="DNA"

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1270 CCCACACACACC 1283
Db 1 CCCACACACACC 14

RESULT 1363
LOCUS AR080878 16 bp DNA 1linear PAT 31-AUG-2000
DEFINITION Sequence 6 from patent US 5969116.
ACCESSION AR080878
VERSION AR080878.1 GI:10007607
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Martin, P.
TITLE Nucleosides and oligonucleotides having 2'-ether groups
JOURNAL Patent: US 5969116-A 6 19-OCT-1999;
FEATURES
source
1..16
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1187 GAGAGAGAGAGAA 1200
Db 16 GAGAGAGAGAGAA 3

RESULT 1364
LOCUS AR014264 17 bp DNA 1linear PAT 05-DEC-1998
DEFINITION Sequence 29 from patent US 5773278.
ACCESSION AR014264
VERSION AR014264.1 GI:3971718
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Schuchman, E.H. and Desnick, R.J.
TITLE Acid sphingomyelinase gene
JOURNAL Patent: US 5773278-A 29 30-JUN-1998;
FEATURES
source
1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 620 ACTCCAGAGCTCT 633
Db 4 ACTCCAGAGCTCT 17

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RESULT 1365
AR091417 AR091417 17 bp DNA linear PAT 07-SEP-2000
LOCUS Sequence 7 from patent US 5994109.
DEFINITION AR091417
ACCESSION AR091417
VERSION AR091417.1 GI:10018172
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Woo,S.L.C., Smith,L.C., Cristiano,R.J., Gotchalk,S. and Sparrow,J.
TITLE Nucleic acid transporter system and methods of use
JOURNAL Patent: US 5994109-A 7 30-NOV-1999;
FEATURES
source
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred.No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAG 1197
|||||
1 AAAGAGAGAGAGAG 14

Db

RESULT 1366
AR091418/c AR091418 17 bp DNA linear PAT 07-SEP-2000
LOCUS Sequence 8 from patent US 5994109.
DEFINITION AR091418
ACCESSION AR091418
VERSION AR091418.1 GI:10018173
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Woo,S.L.C., Smith,L.C., Cristiano,R.J., Gotchalk,S. and Sparrow,J.
TITLE Nucleic acid transporter system and methods of use
JOURNAL Patent: US 5994109-A 8 30-NOV-1999;
FEATURES
source
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred.No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1187 GAGAGAGAGAAA 1200
|||||
14 GAGAGAGAGAAA 1

Db

RESULT 1367
AR091419 AR091419 17 bp DNA linear PAT 07-SEP-2000
LOCUS Sequence 9 from patent US 5994109.
DEFINITION AR091419
ACCESSION AR091419
VERSION AR091419.1 GI:10018174
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Woo,S.L.C., Smith,L.C., Cristiano,R.J., Gotchalk,S. and Sparrow,J.
TITLE Nucleic acid transporter system and methods of use
JOURNAL Patent: US 5994109-A 9 30-NOV-1999;
FEATURES
source
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred.No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1187 GAGAGAGAGAAA 1200
|||||
14 GAGAGAGAGAAA 1

Db
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/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred.No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAG 1197
|||||
1 AAAGAGAGAGAGAG 14

Db

RESULT 1368
AR125622 AR125622 17 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 7 from patent US 6177554.
DEFINITION AR125622
ACCESSION AR125622
VERSION AR125622.1 GI:14111684
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Woo,S.L.C., Smith,L.C., Cristiano,R.J., Gotchalk,S. and Sparrow,J.
TITLE Nucleic acid transporter systems
JOURNAL Patent: US 6177554-A 7 23-JAN-2001;
FEATURES
source
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred.No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAG 1197
|||||
1 AAAGAGAGAGAGAG 14

Db

RESULT 1369
AR125623/c AR125623 17 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 8 from patent US 6177554.
DEFINITION AR125623
ACCESSION AR125623
VERSION AR125623.1 GI:14111685
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Woo,S.L.C., Smith,L.C., Cristiano,R.J., Gotchalk,S. and Sparrow,J.
TITLE Nucleic acid transporter systems
JOURNAL Patent: US 6177554-A 8 23-JAN-2001;
FEATURES
source
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred.No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1187 GAGAGAGAGAAA 1200
|||||
14 GAGAGAGAGAAA 1

Db

RESULT 1370
AR125624 AR125624 17 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 9 from patent US 6177554.
DEFINITION AR125624
ACCESSION AR125624
VERSION AR125624.1 GI:14111686
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KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Woo, S.L.C., Smith, L.C., Cristofano, R.J., Gottchalk, S. and Sparrow, J.
TITLE Nucleic acid transporter systems
JOURNAL Patent: US 6177554-A 9 23-JAN-2001;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1184 AAAGAGAGAGAG 1197
Db 1 AAAGAGAGAGAG 14

RESULT 1371
BD197368 17 bp RNA linear PAT 17-JUL-2003
LOCUS Method and reagent for treating diseases or conditions concerning
DEFINITION molecule participating in vasculogenic response.
ACCESSION BD197368
VERSION BD197368.1 GI:33007138
KEYWORDS JP 2002509721-A/394.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1 (bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 394 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC

COMMENT OS Homo sapiens (human)
PN JP 2002509721-A/394
PD 02-APR-2002
PR 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC

C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61D3/10, A61P17/06, PC
A61P29/00
PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
C12N5/00

CC Method and reagent for treating diseases or conditions CC
CC participating in vasculogenic response
FH Key Location/Qualifiers
FT source 1..17
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 88 GCGGCTCTCCGAC 101
Db 3 GCGGCTCTCCGAC 16

RESULT 1372
BD257706/c 17 bp DNA linear PAT 17-JUL-2003
LOCUS Regulation of repressor genes using nucleic acid molecules.
DEFINITION BD257706
ACCESSION BD257706.1 GI:33067476
VERSION JP 2002541795-A/5499.
KEYWORDS unidentified
SOURCE unidentified
ORGANISM unidentified

REFERENCE 1 (bases 1 to 17)
AUTHORS Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
TITLE Regulation of repressor genes using nucleic acid molecules
JOURNAL Patent: JP 2002541795-A 5499 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
OS Eukaryote
PN JP 2002541795-A/5499
PD 10-DEC-2002
PR 11-APR-2000 JP 200611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC
C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
C12P21/02,
PC

C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02, PC
C12R1:91).
PC (C12P21/02, C12R1:91), (C12P21/02, C12R1:91), C12N15/00, C12N5/00,
PC A61K37/02, C12R1:91)
PC (C12N5/00, C12R1:91)
CC Regulation of repressor genes using nucleic acid molecules FH
Key Location/Qualifiers
FT source 1..17
/organism="Eukaryote".
Location/Qualifiers
1..17
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

FEATURES
source 1..17
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5393 AAAAATACAAA 5406
Db 14 AAAAATACAAA 1

RESULT 1373
C0622024 17 bp DNA linear PAT 02-FEB-2004
LOCUS Sequence 6764 from Patent WO0192524.
DEFINITION C0622024
ACCESSION C0622024
VERSION C0622024.1 GI:41672242

KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
Shannon, M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 6764 06-DEC-2001;
Neomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGGAGACCT 3047
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4 CTCCTGGAGACCT 17

Db

RESULT 1374
LOCUS CO622028 17 bp DNA linear PAT 02-FEB-2004
DEFINITION Sequence 6768 from Patent WO0192524.
ACCESSION CO622028
VERSION CO622028.1 GI:41672246
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Gu.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 6768 06-DEC-2001;
Aeonica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred.No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3035 TCCTGGAGACCTG 3048
|||||
1 TCCTGGAGACCTG 14

Db

RESULT 1375
LOCUS 173171 17 bp DNA linear PAT 03-APR-1998
DEFINITION Sequence 23 from patent US 5686240.
ACCESSION 173171
VERSION 173171.1 GI:3009310
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Schuchman,E.H. and Desnick,R.J.
TITLE Acid sphingomyelinase gene and diagnosis of Niemann-Pick disease
JOURNAL Patent: US 5686240-A 23 11-NOV-1997;
FEATURES
source location/Qualifiers
1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred.No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 620 ACTCCGAGGCTCT 633
|||||
4 ACTCCGAGGCTCT 17

Db

RESULT 1376
LOCUS AR302290 17 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 29 from patent US 6541218.
ACCESSION AR302290
VERSION AR302290.1 GI:31690529

KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Schuchman,E.H. and Desnick,R.J.
TITLE Acid sphingomyelinase protein and methods of treating type B
JOURNAL Patent: US 6541218-A 29 01-APR-2003;
FEATURES
source location/Qualifiers
1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred.No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 620 ACTCCGAGGCTCT 633
|||||
4 ACTCCGAGGCTCT 17

Db

RESULT 1377
LOCUS AR463087 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6764 from patent US 6686188.
ACCESSION AR463087
VERSION AR463087.1 GI:42698144
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6764 03-FEB-2004;
FEATURES
source location/Qualifiers
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/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred.No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGGAGACCT 3047
|||||
4 CTCCTGGAGACCT 17

Db

RESULT 1378
LOCUS AR463091 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6768 from patent US 6686188.
ACCESSION AR463091
VERSION AR463091.1 GI:42698148
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6768 03-FEB-2004;
FEATURES
source location/Qualifiers
1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3035 TCCTGAGACCTTG 3048
|||||
1 TCCTGAGACCTTG 14

Db 1 TCCTGAGACCTTG 14

RESULT 1379
LOCUS AX226914 17 bp RNA linear PAT 10-SEP-2001
DEFINITION Sequence 286 from Patent WO0157206.
ACCESSION AX226914
VERSION AX226914.1 GI:15556055
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Fattaey,A.R., Jarvis,T., Mcswiggen,J., Bocher,R.N. and Holman,P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk 1) enzyme
JOURNAL Patent: WO 0157206-A 286 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
location/Qualifiers
1.17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3820 GTTCACTTCCTGT 3833
|||||
2 GTTCACTTCCTGT 15

Db 2 GTTCACTTCCTGT 15

RESULT 1380
LOCUS AX226915 17 bp RNA linear PAT 10-SEP-2001
DEFINITION Sequence 287 from Patent WO0157206.
ACCESSION AX226915
VERSION AX226915.1 GI:15556056
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Fattaey,A.R., Jarvis,T., Mcswiggen,J., Bocher,R.N. and Holman,P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk 1) enzyme
JOURNAL Patent: WO 0157206-A 287 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
location/Qualifiers
1.17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3820 GTTCACTTCCTGT 3833
|||||
1 GTTCACTTCCTGT 14

Db 1 GTTCACTTCCTGT 14

RESULT 1381

AX423695
LOCUS AX423695 17 bp RNA linear PAT 18-JUN-2002
DEFINITION Sequence 2031 from Patent WO0188124.
ACCESSION AX423695
VERSION AX423695.1 GI:21527077
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Jarvis,T., von Carlwiltz,I., Mcswiggen,J.A., McLaughlin,F.G. and Randi,A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 2031 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 569 TGAAGAGAGAGAG 582
|||||
2 TGAAGAGAGAGAG 15

Db 2 TGAAGAGAGAGAG 15

RESULT 1382
LOCUS AX423696 17 bp RNA linear PAT 18-JUN-2002
DEFINITION Sequence 2032 from Patent WO0188124.
ACCESSION AX423696
VERSION AX423696.1 GI:21527078
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Jarvis,T., von Carlwiltz,I., Mcswiggen,J.A., McLaughlin,F.G. and Randi,A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 2032 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 569 TGAAGAGAGAGAG 582
|||||
1 TGAAGAGAGAGAG 14

Db 1 TGAAGAGAGAGAG 14

RESULT 1383
LOCUS AX532370 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 1879 from Patent EP1239051.
ACCESSION AX532370
VERSION AX532370.1 GI:25256518
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

REFERENCE 1 Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
AUTHORS Shannon,M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 1879 11-SEP-2002;
Neomica, Inc. (US)
FEATURES
source
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2860 AGCCCGACCATGCT 2873
DB 2 AGCCCGACCATGCT 15

RESULT 1384
AX532371 17 bp DNA PAT 22-NOV-2002
LOCUS Sequence 1880 from Patent EP1239051.
DEFINITION AX532371
ACCESSION AX532371
VERSION AX532371.1 GI:25256519
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1 Shannon,M.
AUTHORS Human posh-like protein 1
TITLE Patent: EP 1239051-A 1880 11-SEP-2002;
JOURNAL Neomica, Inc. (US)
FEATURES
source
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2860 AGCCCGACCATGCT 2873
DB 1 AGCCCGACCATGCT 14

RESULT 1385
AX672105 17 bp DNA PAT 27-MAR-2003
LOCUS Sequence 550 from Patent WO03004526.
DEFINITION AX672105
ACCESSION AX672105
VERSION AX672105.1 GI:29330453
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1 Telemman,A., Amson,R. and Tuijinder,M.
AUTHORS Sequences involved in phenomena of tumour suppression, tumour
TITLE reversions, apoptosis and/or resistance to viruses and their use as
JOURNAL Patent: WO 03004526-A 550 16-JAN-2003;
FEATURES Molecular Engines Laboratories (FR)
source
1.17
/organism="Homo sapiens"

/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 ATCAGCTGACTTCT 294
DB 2 ATCAGCTGACTTCT 15

RESULT 1386
AX690592 17 bp DNA PAT 31-MAR-2003
LOCUS Sequence 3324 from Patent EP1281758.
DEFINITION AX690592
ACCESSION AX690592
VERSION AX690592.1 GI:29413473
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1 Shannon,M., Gu,Y. and Nguyen,C.T.
AUTHORS Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
TITLE mdz12
JOURNAL Patent: EP 1281758-A 3324 05-FEB-2003;
FEATURES Neomica, Inc. (US)
source
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/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 620 ACTCCAGAGCTCT 633
DB 4 ACTCCAGAGCTCT 17

RESULT 1387
AX690593 17 bp DNA PAT 31-MAR-2003
LOCUS Sequence 3325 from Patent EP1281758.
DEFINITION AX690593
ACCESSION AX690593
VERSION AX690593.1 GI:29413474
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1 Shannon,M., Gu,Y. and Nguyen,C.T.
AUTHORS Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
TITLE mdz12
JOURNAL Patent: EP 1281758-A 3325 05-FEB-2003;
FEATURES Neomica, Inc. (US)
source
1.17
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 620 ACTCCAGAGCTCT 633
DB 4 ACTCCAGAGCTCT 17

Db		3	ACTCAGAGGCTCT	16	
RESULT 1388					
LOCUS	AX729528			17 bp	DNA
DEFINITION	Sequence 1162 from Patent WO03025175.				linear
ACCESSION	AX729528				PAT 08-MAY-2003
VERSION	AX729528.1				
KEYWORDS	GI:30506871				
SOURCE					
ORGANISM	Homo sapiens (human)				
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;				
	Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.				
REFERENCE					
AUTHORS	1				
TITLE	Tejerman,A., Amson,R. and Tuijinder,M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines				
JOURNAL	Patent: WO 03025175-A 1162 27-MAR-2003;				
FEATURES					
source	Location/Qualifiers				
	1..17				
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	/mol_type="unassigned DNA"				
	/db_xref="taxon:9606"				
Query Match					
Best Local Similarity	0.3%; Score 14; DB 1; Length 17;				
Matches	14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;				
OY	3605 ATCTCAAACTCCTG 3618				
Db	2 ATCTCAAACTCCTG 15				
RESULT 1389					
LOCUS	AX731242			17 bp	DNA
DEFINITION	Sequence 2876 from Patent WO03025175.				linear
ACCESSION	AX731242				PAT 08-MAY-2003
VERSION	AX731242.1				
KEYWORDS	GI:30510585				
SOURCE					
ORGANISM	Homo sapiens (human)				
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;				
	Mammalia; Eutheria; Primates; Cetartihni; Homnidae; Homo.				
REFERENCE					
AUTHORS	1				
TITLE	Tejerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines				
JOURNAL	Patent: WO 03025175-A 2876 27-MAR-2003;				
FEATURES					
source	Location/Qualifiers				
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	/mol_type="unassigned DNA"				
	/db_xref="taxon:9606"				
Query Match					
Best Local Similarity	0.3%; Score 14; DB 1; Length 17;				
Matches	14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;				
OY	1049 CCCCCAATCCACA 1062				
Db	4 CCCCCAATCCACA 17				
RESULT 1390					
LOCUS	AX736091			17 bp	DNA
DEFINITION	Sequence 1681 from Patent WO03025177.				linear
					PAT 08-MAY-2003

ACCESSION	AX736091	GI:30515368
VERSION	AX736091.1	
KEYWORDS		
SOURCE		
ORGANISM	Homo sapiens (human)	
REFERENCE		
AUTHORS	1 Telerman,A., Amson,R. and Tujinder,M.	
TITLE	Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments	
JOURNAL	Patent: WO 03025177-A 1681 27-MAR-2003;	
FEATURES	Molecular Engines Laboratories (FR)	
SOURCE	Location/Qualifiers	
	1..17	
	/organism="Homo sapiens"	
	/mol_type="unassigned DNA"	
	/db_xref="taxon:9606"	
Query Match	0.3%; Score 14; DB 1; Length 17;	
Best Local Similarity	100.0%; Pred.No. 7.4e+02;	
Matches	14; Conservative 0; Mismatches 0; Gaps 0;	
Cy	3607 CTCAACTCCTCGA 3620	
Db	16 CTCAACTCCTCGA 3	
RESULT 1391		
LOCUS	AX757220	17 bp DNA linear PAT 25-JUN-2003
DEFINITION	Sequence 541 from Patent WO03040369.	
ACCESSION	AX757220	
VERSION	AX757220.1	GI:32251836
KEYWORDS		
SOURCE		
ORGANISM	Homo sapiens (human)	
REFERENCE		
AUTHORS	1 Telerman,A., Amson,R. and Tujinder,M.	
TITLE	Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines	
JOURNAL	Patent: WO 03040369-A 541 15-MAY-2003;	
FEATURES	Molecular Engines Laboratories (FR)	
SOURCE	Location/Qualifiers	
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	/organism="Homo sapiens"	
	/mol_type="unassigned DNA"	
	/db_xref="taxon:9606"	
Query Match	0.3%; Score 14; DB 1; Length 17;	
Best Local Similarity	100.0%; Pred.No. 7.4e+02;	
Matches	14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
Cy	5158 CTCTGGCTGCTCA 5171	
Db	4 CTCTGGCTGCTCA 17	
RESULT 1392		
LOCUS	AX760406	17 bp DNA linear PAT 25-JUN-2003
DEFINITION	Sequence 3727 from Patent WO03040369.	
ACCESSION	AX760406	
VERSION	AX760406.1	GI:32255022
KEYWORDS		
SOURCE		
ORGANISM	Homo sapiens (human)	
REFERENCE		
AUTHORS	1 Eukaryote, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;	
TITLE	Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.	

REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijinder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
JOURNAL Patent: WO 03040369-A 3727 15-MAY-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4882 TCTCTGCAACAG 4895
DB 3 TCTCTGCAACAG 16

RESULT 1393
AX762099/c
LOCUS AX762099 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 5420 from Patent WO03040369.
ACCESSION AX762099
VERSION AX762099.1 GI:32256715
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homindaes; Homo.

REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijinder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
JOURNAL Patent: WO 03040369-A 5420 15-MAY-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4440 GAAACCGAGGATC 4453
DB 14 GAAACCGAGGATC 1

RESULT 1394
A71392/c
LOCUS A71392 18 bp DNA linear PAT 07-MAY-1999
DEFINITION Sequence 3 from Patent WO9810094.
ACCESSION A71392
VERSION A71392.1 GI:4775006
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
unclassified.

REFERENCE 1 (bases 1 to 18)
AUTHORS Serio,M., Orlando,C., Pazzagli,M. and Seestini,R.
TITLE PLASMIDS CONTAINING TWO OR MORE COMPETITORS IN SEQUENCE AND THEIR APPLICATION IN COMPETITIVE-PCR TECHNIQUES
JOURNAL Patent: WO 9810094-A 3 12-MAR-1998;
COMMENT SERIO MARIO (IT)
FEATURES Other publication IT F1960208 19980305.
Location/Qualifiers

source 1.18
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2619 CCTGATCAGTGGG 2632
DB 16 CCTGATCAGTGGG 3

RESULT 1395
A71397/c
LOCUS A71397 18 bp DNA linear PAT 07-MAY-1999
DEFINITION Sequence 8 from Patent WO9810094.
ACCESSION A71397
VERSION A71397.1 GI:4775011
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
unclassified.

REFERENCE 1 (bases 1 to 18)
AUTHORS Serio,M., Orlando,C., Pazzagli,M. and Seestini,R.
TITLE PLASMIDS CONTAINING TWO OR MORE COMPETITORS IN SEQUENCE AND THEIR APPLICATION IN COMPETITIVE-PCR TECHNIQUES
JOURNAL Patent: WO 9810094-A 8 12-MAR-1998;
COMMENT SERIO MARIO (IT)
FEATURES Other publication IT F1960208 19980305.
source Location/Qualifiers
1.18
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2619 CCTGATCAGTGGG 2632
DB 16 CCTGATCAGTGGG 3

RESULT 1396
AR047446
LOCUS AR047446 18 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 2239 from patent US 5817796.
ACCESSION AR047446
VERSION AR047446.1 GI:5968911
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
unclassified.

REFERENCE 1 (bases 1 to 18)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myc ribozymes having 2'-5'-linked adenylylate residues
JOURNAL Patent: US 5817796-A 2239 06-OCT-1998;
FEATURES Location/Qualifiers
1.18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 117 CCTGAGCTCAAG 130
DB 1 CCTGAGCTCAAG 14

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RESULT 1397
AR136607
LOCUS AR136607 18 bp DNA linear PAT 16-JUN-2001
DEFINITION Sequence 97 from patent US 6136952.
ACCESSION AR136607
VERSION AR136607.1 GI:1447279
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 18)
AUTHORS Li, L. and Hood, L.
TITLES Human jagged polypeptide, encoding nucleic acids and methods of use
JOURNAL Patent: US 6136952-A 97 24-OCT-2000;
FEATURES
source
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4467 TACTGTGATCCCTC 4480
DB 5 TACTGTGATCCCTC 18

RESULT 1398
I13765/C
LOCUS I13765 18 bp DNA linear PAT 26-SEP-1995
DEFINITION Sequence 6 from patent US 5441883.
ACCESSION I13765
VERSION I13765.1 GI:996195
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 18)
AUTHORS Civeill, O. and Zhou, Q.-Y.
TITLES A3 adenosine receptor, DNA, and uses
JOURNAL Patent: US 5441883-A 6 15-AUG-1995;
FEATURES
source
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2816 AGAAGCTTCAGCTG 2829
DB 17 AGAAGCTTCAGCTG 4

RESULT 1399
I54498
LOCUS I54498 18 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 2239 from patent US 5646042.
ACCESSION I54498
VERSION I54498.1 GI:2475701
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 18)
AUTHORS Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
TITLES C-myd targeted ribozymes
JOURNAL Patent: US 5646042-A 2239 08-JUL-1997;
FEATURES
source
/mol_type="unassigned DNA"

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/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 117 CCTTGAGCTCAAG 130
DB 1 CCTTGAGCTCAAG 14

RESULT 1400
AR255300
LOCUS AR255300 18 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 4 from patent US 6482593.
ACCESSION AR255300
VERSION AR255300.1 GI:27304349
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 18)
AUTHORS Walt, D.R. and Healey, B.G.
TITLES Fiber optic biosensor for selectively detecting oligonucleotide
JOURNAL Patent: US 6482593-A 4 19-NOV-2002;
FEATURES
source
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 7.6e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 3319 AACCTGATGACGTTG 3334
DB 3 AACCTGATGACGTTG 18

RESULT 1401
AR482404
LOCUS AR482404 18 bp DNA linear PAT 14-MAY-2004
DEFINITION Sequence 97 from patent US 6703198.
ACCESSION AR482404
VERSION AR482404.1 GI:47244725
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 18)
AUTHORS Li, L., Hood, L., Krantz, I.D. and Spinner, N.B.
TITLES Methods of diagnosing alagille syndrome
JOURNAL Patent: US 6703198-A 97 09-MAR-2004;
FEATURES
source
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4467 TACTGTGATCCCTC 4480
DB 5 TACTGTGATCCCTC 18

RESULT 1402
AX101065
LOCUS AX101065 18 bp DNA linear PAT 10-APR-2001
DEFINITION Sequence 39 from Patent WO0121822.

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ACCESSION  AX101065
VERSION     AX101065.1  GI:13619921
KEYWORDS   .
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1
AUTHORS    Dean,C. and Levy,Y.Y.
TITLE      Methods and means for modification of plant flowering
           characteristics
JOURNAL    Patent: WO 0121822-A 39 29-MAR-2001;
           Plant Bioscience Limited (GB)
FEATURES   source
           1..18
           /organism="synthetic construct"
           /mol_type="unassigned DNA"
           /db_xref="taxon:32630"
           /note="Oligonucleotide"

Query Match      0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  1182 AGAAGAGAGAGAG 1195
Db  3 AGAAGAGAGAGAG 16

RESULT 1403
LOCUS      AX101067
DEFINITION Sequence 41 from Patent WO0121822.
ACCESSION  AX101067
VERSION     AX101067.1  GI:13619923
KEYWORDS   .
SOURCE     synthetic construct
ORGANISM   synthetic construct
           artificial sequences.
REFERENCE  1
AUTHORS    Dean,C. and Levy,Y.Y.
TITLE      Methods and means for modification of plant flowering
           characteristics
JOURNAL    Patent: WO 0121822-A 41 29-MAR-2001;
           Plant Bioscience Limited (GB)
FEATURES   source
           1..18
           /organism="synthetic construct"
           /mol_type="unassigned DNA"
           /db_xref="taxon:32630"
           /note="Oligonucleotide"

Query Match      0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  1182 AGAAGAGAGAGAG 1195
Db  14 AGAAGAGAGAGAG 1

RESULT 1404
LOCUS      BD085719
DEFINITION Scavenger receptor-like protein.
ACCESSION  BD085719
VERSION     BD085719.1  GI:22631329
KEYWORDS   JP 2001340089-A/10.
SOURCE     synthetic construct
ORGANISM   artificial sequences.
           1 (bases 1 to 18)
REFERENCE  Yoshida,T., Tsuruta,Y., Suzuki,R. and Ochi,T.
AUTHORS
TITLE      Scavenger receptor-like protein

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JOURNAL    Patent: JP 2001340089-A 10 11-DEC-2001;
           SHIONOGI & CO LTD
COMMENT     OS
           Artificial Sequence
           PN  JP 2001340089-A/10
           PD  11-DEC-2001
           PF  08-DEC-2000  JP 2000375066
           PT  TERUOTA YOSHIDA,YUJI TSURUTA,YUYU SUZUKI,TAKAHIRO OCHI PC
           C12N15/09,A01K67/027,A61K38/00,A61K45/00,A61K48/00,A61P3/10, PC
           A61P9/10,
           PC  A61P9/14,A61P25/28,A61P27/02,A61P29/00,A61P35/00,A61P37/00, PC
           C07K44/705,
           PC  C07K16/28,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N5/10 PC
           ,C12P21/02,C12P21/08
           PC  C12Q1/00,C12N15/00,A61K37/02,C12N5/00,C12N5/00 CC
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           Primer Sequence
           FH  Key
           FT  source
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           /organism='Artificial Sequence'.
           /organism="synthetic construct"
           /mol_type="genomic DNA"
           /db_xref="taxon:32630"

Query Match      0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  2576 AGATGAGAACATC 2589
Db  2 AGATGAGAACATC 15

RESULT 1405
LOCUS      AR123684
DEFINITION Sequence 22 from patent US 6171788.
ACCESSION  AR123684
VERSION     AR123684.1  GI:14109045
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unknown.
           Unclassified.
REFERENCE  1 (bases 1 to 19)
AUTHORS    Nguyen,T.D., Polansky,J.R., Chen,P. and Chen,H.
TITLE      Methods for the diagnosis, prognosis and treatment of glaucoma and
           related disorders
JOURNAL    Patent: US 6171788-A 22 09-JAN-2001;
           Location/Qualifiers
FEATURES   source
           1..19
           /organism="unknown"
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Query Match      0.3%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  109 CTTCTCAGCCTTC 122
Db  2 CTTCTCAGCCTTC 15

RESULT 1406
LOCUS      BD237955
DEFINITION Nucleic acids, kits, and methods for the diagnosis, prognosis and
           treatment of glaucoma and related disorders.
ACCESSION  BD237955
VERSION     BD237955.1  GI:33047725
KEYWORDS   JP 2002534135-A/22.
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens

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REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
1 (bases 1 to 19)
Nguyen,T.D., Polansky,J.R., Chen,P. and Chen,H.
Nucleic acids, kits, and methods for the diagnosis, prognosis and treatment of glaucoma and related disorders
Patent: JP 200253435-A 22 15-OCT-2002;
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
OS Homo sapiens (human)
PN JP 200253435-A/22
PD 15-OCT-2002
PF 11-JAN-2000 JP 2000593777
PR 11-JAN-1999 US 09/227881,07-MAY-1999 US 09/306828 PI
THAI D NGUYEN JON R POLANSKY, PU CHEN, HUA CHEN PC
C12N15/09,A61K31/573,A61K45/00,A61P27/06,C12N1/15,C12N1/19, PC
C12N1/21,
PC C12N5/10,C12Q1/68,G01N33/53,G01N33/566,C12N15/00,C12N5/00 CC
Nucleic acids, kits, and methods for the diagnosis, prognosis and treatment of glaucoma and related disorders
CC treatment of glaucoma and related disorders
FH key Location/Qualifiers
FT source 1..19
/organism='Homo sapiens (human)'.
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Location/Qualifiers
/organism="Homo sapiens"
/mol_type="genomic DNA"
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Query Match 0.3%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 109 CTTCTCAGCCTTGC 122
DB 2 CTTCTCAGCCTTGC 15

RESULT 1407
ARI95417
LOCUS ARI95417 19 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 10 from patent US 6350867.
ACCESSION ARI95417
VERSION ARI95417.1 GI:20244854
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 19)
Hart,T.C. and Price,J.A.
Compositions and methods for enhancing osseous growth, repair and regeneration
Patent: US 6350867-A 10 26-FEB-2002;
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5029 CCATCTGAGCTGG 5042
DB 2 CCATCTGAGCTGG 15

RESULT 1408
AR242765
LOCUS AR242765 19 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 22 from patent US 6475724.
ACCESSION AR242765
VERSION AR242765.1 GI:27289404

KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

Unknown.
Unknown.
Unclassified.
1 (bases 1 to 19)
Nguyen,T.D., Polansky,J.R., Chen,P. and Chen,H.
Nucleic acids, kits, and methods for the diagnosis, prognosis and treatment of glaucoma and related disorders
Patent: US 6475724-A 22 05-NOV-2002;
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 109 CTTCTCAGCCTTGC 122
DB 2 CTTCTCAGCCTTGC 15

RESULT 1409
AX132563/c
LOCUS AX132563 19 bp DNA linear PAT 15-MAY-2001
DEFINITION Sequence 3781 from Patent WO0130362.
ACCESSION AX132563
VERSION AX132563.1 GI:14138868
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
1
Robbins,J.M. and Trletz,R.
Ribozyme therapy for the treatment of proliferative skin and eye diseases
Patent: WO 0130362-A 3781 03-MAY-2001;
IMMUSOL, INC. (US)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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/note="Cacc25 is ribozyme binding site"

Query Match 0.3%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1480 CCAGGCTGATAC 1493
DB 19 CCAGGCTGATAC 6

RESULT 1410
BD065060
LOCUS BD065060 19 bp DNA linear PAT 27-AUG-2002
DEFINITION Methods for the diagnosis, prognosis and treatment of glaucoma and related disorders.
ACCESSION BD065060
BD065060.1 GI:22610663
KEYWORDS JP 2001509669-A/22.
SOURCE unidentified
ORGANISM unidentified
REFERENCE Unclassified.
1 (bases 1 to 19)
Nguyen,T.D., Polansky,J.R., Chen,P. and Chen,H.
Methods for the diagnosis, prognosis and treatment of glaucoma and related disorders
Patent: JP 2001509669-A 22 24-JUL-2001;
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

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COMMENT      OS      Unidentified
              PN      JP 2001509669-A/22
              PD      24-JUL-2001
              PR      09-JAN-1998 JP 1996532017
              PR      28-JAN-1997 US 08/791154.26-SRP-1997 US 08/938669 PI
              THAI D NGUYEN, JON R POLANSKY, PU CHEN, HUA CHEN PC
              C12N15/12, C12Q1/66, C07K14/47, A61K31/70
              CC      Strandedness: Single;
              CC      Topology: Linear;
              CC      Methods for the diagnosis, prognosis and
              treatment of glaucoma
              CC      disorders and related
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              FT      source
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Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db      2 CTTCTCAGCCTTGC 15

RESULT 1411
A78831
LOCUS      A78831 20 bp DNA linear PAT 19-OCT-1999
DEFINITION Sequence 9 from Patent EP0560156.
ACCESSION  A78831
VERSION     A78831.1 GI:6090423
KEYWORDS    .
SOURCE      unidentified
ORGANISM    unidentified
REFERENCE    1 (bases 1 to 20)
AUTHORS      Springer, W.D. and Baumgarten, J.D.
TITLE        PSEUDORABIES VIRUS POLYNUCLEOTIDS AND THEIR USE IN THE PRODUCTION
              OF VIRUS-RESISTANT EUKARYOTIC CELLS
JOURNAL      Patent: EP 0560156-A 9 15-SRP-1993;
              BAYER AG (DE)
FEATURES      Location/Qualifiers
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Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1052 CCACATCCACAGCA 1065
Db      3 CCACATCCACAGCA 16

RESULT 1412
AR025475
LOCUS      AR025475 20 bp DNA linear PAT 05-DEC-1998
DEFINITION Sequence 9 from patent US 5798265.
ACCESSION  AR025475
VERSION     AR025475.1 GI:3978103
KEYWORDS    .
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE    1 (bases 1 to 20)
AUTHORS      .
TITLE        .
JOURNAL      .
FEATURES      Location/Qualifiers
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Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1052 CCACATCCACAGCA 1065
Db      3 CCACATCCACAGCA 16

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AUTHORS      Springer, W., Baumgarten, J., Kretschmer, A., Kolbl, H., Lobberding, A.,
              Strube, W. and Thein, P.
TITLE        Pseudorabies virus (PRV) polynucleotides and their use for
              preparing virus-resistant eukaryotic cells
JOURNAL      Patent: US 5798265-A 9 25-AUG-1998;
              Location/Qualifiers
FEATURES      source
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Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1052 CCACATCCACAGCA 1065
Db      3 CCACATCCACAGCA 16

RESULT 1413
AR067416
LOCUS      AR067416 20 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 13 from patent US 5851763.
ACCESSION  AR067416
VERSION     AR067416.1 GI:5998638
KEYWORDS    .
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE    1 (bases 1 to 20)
AUTHORS      Heyn, B., Cole, S., Young, D., Zhang, Y., Honore, N., Telenti, A. and
              Bodmer, T.
TITLE        Rapid detection of antibiotic resistance in mycobacterium
              tuberculosis
JOURNAL      Patent: US 5851763-A 13 22-DEC-1998;
              Location/Qualifiers
FEATURES      source
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Best Local Similarity 100.0%; Score 14; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db      1 GCAGATGGGCTGA 14

RESULT 1414
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LOCUS      AR071620/c 20 bp DNA linear PAT 18-FEB-2000
DEFINITION Sequence 58 from patent US 5912120.
ACCESSION  AR071620
VERSION     AR071620.1 GI:7222508
KEYWORDS    .
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE    1 (bases 1 to 20)
AUTHORS      Goldstein, J.A. and De Norais, S.M.F.
TITLE        Cloning, expression and diagnosis of human cytochrome P450 2C19:
              the principal determinant of s-mephenytoin metabolism
JOURNAL      Patent: US 5912120-A 58 15-JUN-1999;
              Location/Qualifiers
FEATURES      source
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Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 4724 ACCAGCCCTGAG 4737
DB 15 ACCAGCCCTGAG 2

RESULT 1415
LOCUS AR158934 20 bp DNA 1linear PAT 17-OCT-2001
DEFINITION Sequence 556 from patent US 6251588.
ACCESSION AR158934
VERSION AR158934.1 GI:16221347
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Shannon,K.W., Wolber,P.K., Delenstarr,G.C., Webb,P.G. and Kincaid,R.H.
TITLE Method for evaluating oligonucleotide probe sequences
JOURNAL Patent: US 6251588-A 556 26-JUN-2001;
FEATURES Location/Qualifiers
Source 1..20
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/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5403 AAAAAGAAAAAAT 5416
DB 15 AAAAAGAAAAAAT 2

RESULT 1416
LOCUS AR158935 20 bp DNA 1linear PAT 17-OCT-2001
DEFINITION Sequence 557 from patent US 6251588.
ACCESSION AR158935
VERSION AR158935.1 GI:16221349
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Shannon,K.W., Wolber,P.K., Delenstarr,G.C., Webb,P.G. and Kincaid,R.H.
TITLE Method for evaluating oligonucleotide probe sequences
JOURNAL Patent: US 6251588-A 557 26-JUN-2001;
FEATURES Location/Qualifiers
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Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5403 AAAAAGAAAAAAT 5416
DB 15 AAAAAGAAAAAAT 1

RESULT 1417
LOCUS AR163770 20 bp DNA 1linear PAT 17-OCT-2001
DEFINITION Sequence 57 from patent US 6271029.
ACCESSION AR163770
VERSION AR163770.1 GI:16234493
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.Frank. and Cowser,L.M.
TITLE Antisense inhibition of cytohesin-2 expression
JOURNAL Patent: US 6271029-A 57 07-AUG-2001;
FEATURES Location/Qualifiers
Source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4141 CTGAAAACCCGAG 4154
DB 1 CTGAAAACCCGAG 14

RESULT 1418
LOCUS BD206227/c 20 bp DNA 1linear PAT 17-JUL-2003
DEFINITION Process for producing polypeptide in mold variant cell.
ACCESSION BD206227
VERSION BD206227.1 GI:33015997
KEYWORDS JP 2002515252-A/40.
SOURCE Aspergillus oryzae
ORGANISM Aspergillus oryzae
REFERENCE 1 (bases 1 to 20)
AUTHORS Eukaryota; Fungi; Ascomycota; Pezizomycotina; Eurotiomycetes; Eurotiiales; Trichocomaceae; mitosporic trichocomaceae; Aspergillus.
TITLE Wahleithner,J. and Christensen,T.
JOURNAL Process for producing polypeptide in mold variant cell
PATENT: JP 2002515252-A 40 28-MAY-2002;
COMMENT NOVO NORDISK BIOTECH INC,NOVO NORDISK AS
OS Aspergillus oryzae
PN JP 2002515252-A/40
PD 28-MAY-2002
PR 14-MAY-1999 US 2000549742
PR 15-MAY-1998 US 09/079601,15-MAY-1998 US 09/079344 PI
JTL WAHLEITHNER,TOVBR CHRISTENSEN
PC C12N15/09,C07K14/38,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N9/PC 00,C12N9/30,
PC C12P21/00,C12P21/02/(C12N1/15,C12R1:685),(C12N1/15,C12R1:69),PC (C12N1/21,C12R1:19),(C12N9/30,C12R1:19),C12N15/00,C12N5/00 CC
PROCESS for producing polypeptide in mold variant cell. FH Key
FEATURES Location/Qualifiers
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/mol_type="genomic DNA"
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Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4441 AAACGAGAGATCT 4454
DB 17 AAACGAGAGATCT 4

RESULT 1419
LOCUS BD230529 20 bp DNA 1linear PAT 17-JUL-2003
DEFINITION Total genome radiation hybrid map of canine genome and its use for identification of interesting genes.
ACCESSION BD230529
VERSION BD230529.1 GI:33040299
KEYWORDS JP 2002530091-A/398.
SOURCE Canis familiaris (dog)
ORGANISM Canis familiaris

REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
1 (bases 1 to 20)
Galibert,F. and Andre,C.
Total genome radiation hybrid map of canine genome and its use for
identification of interesting genes
Patent: JP 2002530091-A 398 17-SEP-2002;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
OS Canis familiaris (dog)
PN JP 2002530091-A/398
PD 17-SEP-2002
PR 15-NOV-1999 JP 2000582596
PI 13-NOV-1998 US 60/108193
PC C12N15/09,C12Q1/68,C12N15/00
CC B01481R
FH Key
FT source

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/db_xref='taxon:9615'

FEATURES
source

Query Match
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Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2563 GAGGGGAGAGAGA 2576
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1 GAGGGGAGAGAGA 14

Db

RESULT 1420
BD230591 20 bp DNA linear PAT 17-JUL-2003
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM

BD230591 20 bp DNA linear PAT 17-JUL-2003
Total genome radiation hybrid map of canine genome and its use for
identification of interesting genes.
BD230591
BD230591.1 GI:33040361
JP 2002530091-A/460.
Canis familiaris (dog)
Canis familiaris
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
1 (bases 1 to 20)
Galibert,F. and Andre,C.
Total genome radiation hybrid map of canine genome and its use for
identification of interesting genes
Patent: JP 2002530091-A 460 17-SEP-2002;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
OS Canis familiaris (dog)
PN JP 2002530091-A/460
PD 17-SEP-2002 JP 2000582596
PR 15-NOV-1999 JP 2000582596
PI 13-NOV-1998 US 60/108193
PC C12N15/09,C12Q1/68,C12N15/00
CC B01481R
FH Key
FT source

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FEATURES
source

Query Match
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QY 2563 GAGGGGAGAGAGA 2576
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Db

QY 2563 GAGGGGAGAGAGA 2576
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1 GAGGGGAGAGAGA 14

Db

RESULT 1421
E10487 20 bp DNA linear PAT 29-SEP-1997
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM

E10487 20 bp DNA linear PAT 29-SEP-1997
Primer.
E10487
E10487.1 GI:22027320
JP 1995327700-A/28.
unidentified
unclassified
unclassified
unclassified
1 (bases 1 to 20)
Oshima,A. and Ishiko,H.
METHOD FOR DETECTING AND DIFFERENTIATING ADENOVIRUS AND
OLIGONUCLEOTIDE AND DNA FRAGMENT USED THEREFOR
Patent: JP 1995327700-A 28 19-DEC-1995;
MITSUBISHI KAGAKU B C L:KK
OS None
OC Artificial sequences.
PN JP 1995327700-A/28
PD 19-DEC-1995
PR 08-JUN-1994 JP 1994126163
PI OSHIMA AKIRA, ISHIRO HIROAKI
PC C12Q1/70,C07H21/04,C07K14/075,C12N15/09,C12Q1/68; CC
strandedness: Single;
CC topology: linear;
FH Key
FT source

location/Qualifiers
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Location/Qualifiers
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/mol_type='genomic DNA'
/db_xref='taxon:32644'

FEATURES
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Query Match
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 858 CTCACCGCAGTGC 871
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4 CTCACCGCAGTGC 17

Db

RESULT 1422
E14841 20 bp DNA linear PAT 28-JUL-1999
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM

E14841 20 bp DNA linear PAT 28-JUL-1999
PCR primer for detecting M2 mutation in exon 4 of human cytochrome
P450 2C19 gene.
E14841
E14841.1 GI:5709524
JP 1998014585-A/6.
unidentified
unclassified
unclassified
unclassified
1 (bases 1 to 20)
Kubota,T.
NEW OLIGONUCLEOTIDE PRIMER AND EXAMINATION OF POINT MUTATION IN
EXON 4 OF HUMAN CYTOCHROME P450 2C19 GENE USING THE SAME
Patent: JP 1998014585-A 6 20-JAN-1998;
S R L:KK
OS None
OC Artificial sequences.
PN JP 1998014585-A/6
PD 20-JAN-1998
PR 05-JUL-1996 JP 1996195360
PI KUBOTA TAKAHIRO

PC C12N15/09,C07H21/04,C12Q1/68;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: Yes;
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/db_xref="taxon:32644"

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4724 ACCGAGCCTGAG 4737
DB 15 ACCGAGCCTGAG 2

RESULT 1423
E38861/c
LOCUS E38861 20 bp DNA linear PAT 18-JUN-2001
DEFINITION Chimeric animal and method for constructing the same.
ACCESSION E38861
VERSION E38861.1 GI:13017609
KEYWORDS JP 199313576-A/11.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Kazuma,T., Hitoshi,Y., Kazunori,H., Mitsuo,O. and Isao,I.
TITLE Chimeric animal and method for constructing the same
JOURNAL Patent: JP 199313576-A 11 16-NOV-1999;
KIRIN BREWERY CO LTD
OS Artificial Sequence
PN JP 199313576-A/11
PD 16-NOV-1999
PF 23-MAR-1999 JP 199078572
PR
PI KAZUMA TOMIZUKA,HITOSHI YOSHIDA,KAZUNORI HANAOKA, PI MITSUO
OSHIMURA,
PI ISAO ISHIDA
PC A01K67/027,C12N5/10,C12N15/02,C12P21/08,C12N5/00,C12N15/00 CC
FH Key
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/mol_type="synthetic construct"
/db_xref="taxon:32630"

FEATURES
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Location/Qualifiers
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Query Match 0.3%; Score 14; DB 1; Length 20;
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Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1906 GCTCTGCAGAACT 1919
DB 17 GCTCTGCAGAACT 4

RESULT 1424
AR268296/c
LOCUS AR268296 20 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 88 from patent US 6498035.
ACCESSION AR268296
VERSION AR268296.1 GI:29698571

KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Wyatt,J.
TITLE Antisense modulation of MEK3 expression
JOURNAL Patent: US 6498035-A 88 24-DEC-2002;
FEATURES Location/Qualifiers
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source 1..20 /organism="unknown"
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Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1518 GCAGGGGCTGCTG 1531
DB 16 GCAGGGGCTGCTG 3

RESULT 1425
AR314691/c
LOCUS AR314691 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 5228 from patent US 6559294.
ACCESSION AR314691
VERSION AR314691.1 GI:31708117
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Griffiths,R., Holseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sanxaran,B. and Fletcher,L.D.
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 5228 06-MAY-2003;
FEATURES Location/Qualifiers
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source 1..20 /organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4773 GAAGGCGAGCAAA 4786
DB 18 GAAGGCGAGCAAA 5

RESULT 1426
AR409523/c
LOCUS AR409523 20 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 11 from patent US 6632976.
ACCESSION AR409523
VERSION AR409523.1 GI:40160496
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Tomizuka,K., Yoshida,H., Hanaoka,K., Oshimura,M. and Ishida,I.
TITLE Chimeric mice that are produced by microcell mediated chromosome transfer and that retain a human antibody gene
JOURNAL Patent: US 6632976-A 11 14-OCT-2003;
FEATURES Location/Qualifiers
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/mol_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1906 GCTCTGCAGACT 1919
Db 17 GCTCTGCAGACT 4

RESULT 1427
LOCUS AR487652/c 20 bp DNA PAT 14-MAY-2004
DEFINITION Sequence 14 from patent US 6706523.
ACCESSION AR487652
VERSION AR487652.1 GI:47252943
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Fu,Z.F.
TITLE Attenuated rabies virus with nucleoprotein mutation at the phosphorylation site for vaccination against rabies and gene therapy in the CNS
JOURNAL Patent: US 6706523-A 14 16-MAR-2004;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3623 TGAGCAAGATCTTC 3636
Db 19 TGAGCAAGATCTTC 6

RESULT 1428
LOCUS AX117414 20 bp DNA PAT 11-MAY-2001
DEFINITION Sequence 2537 from Patent WO0129262.
ACCESSION AX117414
VERSION AX117414.1 GI:14034365
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 artificial sequences.
AUTHORS Picoult-Newburg,L. and Pohl,M.
TITLE Genotyping reagents, kits and methods of use thereof
JOURNAL Patent: WO 0129262-A 2537 26-APR-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3167 CCAACACCTTTC 3180
Db 7 CCAACACCTTTC 20

RESULT 1429
LOCUS AX297370/c 20 bp DNA PAT 21-NOV-2001
DEFINITION Sequence 9132 from Patent WO0179548.
ACCESSION AX297370

VERSION AX297370.1 GI:17059061
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 artificial sequences.
AUTHORS Barany,F., Zivvi,M., Gerry,N.P., Favis,R. and Kliman,R.
TITLE Method of designing addressable array for detection of nucleic acid sequence differences using ligase detection reaction
JOURNAL Patent: WO 0179548-A 9132 25-OCT-2001;
FEATURES CORNELL RESEARCH FOUNDATION, INC. (US)
source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4836 CTTGAGTCTGGCT 4849
Db 14 CTTGAGTCTGGCT 1

RESULT 1430
LOCUS AX817697 20 bp DNA PAT 10-DEC-2003
DEFINITION Sequence 445 from Patent WO02081517.
ACCESSION AX817697
VERSION AX817697.1 GI:39722889
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 artificial sequences.
AUTHORS Decristofaro,M.F., Padigaru,M., Miller,C., Tchierney,V., Zhong,H., Zhong,M., Anderson,D., Ballinger,R., Gerlach,V., Spytek,K.A., Rastelli,L., Kekuda,R., Guo,X., Zerhusen,B., Andrew,D., Mezes,P., Raturajan,M., Burgess,C.E., Elsen,A., Wolenc,A., Baumgartner,J., Shinkels,R.A., Gusev,V., Vernet,C.A., Taupier,R.J., Pena,C., Shenoy,S., Li,L., Casman,S., Bolgoc,F., Fernandes,B., Smithson,G., Malyankar,U., Tallon,B. and Liu,X.
TITLE Novel polypeptides and nucleic acids encoded thereby
JOURNAL Patent: WO 02081517-A 445 17-OCT-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
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/note="Description of Artificial Sequence: PCR Primer Sequence"

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4498 CCTTCACTCTGGA 4511
Db 1 CCTTCACTCTGGA 14

RESULT 1431
LOCUS AX817703 20 bp DNA PAT 10-DEC-2003
DEFINITION Sequence 451 from Patent WO02081517.
ACCESSION AX817703
VERSION AX817703.1 GI:39722895
KEYWORDS
SOURCE synthetic construct

ORGANISM synthetic construct
artificial sequences.

REFERENCE
AUTHORS 1 Decristofaro, M. F., Padigaru, M., Miller, C., Tchernev, V., Zhong, H., Zhong, M., Anderson, D., Ballinger, R., Gerlach, V., Spytek, K. A., Rastelli, L., Kekuda, R., Guo, X., Zehrsen, B., Andrew, D., Mezes, P., Paturajan, M., Burgess, C. B., Eisen, A., Wolenc, A., Baumgartner, J., Shinkete, R. A., Gusev, V., Vernet, C. A., Taupier, R. J., Pena, C., Shenoy, S., Li, L., Caeman, S., Bolgog, F., Fernandes, E., Smithson, G., Malyancker, U., Tallon, B. and Liu, X.
TITLE Novel polypeptides and nucleic acids encoded thereby
JOURNAL Patent: WO 02081517-A 451 17-OCT-2002;
Curagen Corporation (US)

FEATURES
source 1. .20
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Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
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QY 4498 CCTTCACTCTGGA 4511
DB 1 CCTTCACTCTGGA 14

RESULT 1432
AX937886 20 bp DNA linear PAT 06-JAN-2004
LOCUS AX937886
DEFINITION Sequence 154 from Patent WO03091381.
ACCESSION AX937886
VERSION AX937886.1 GI:40713868
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE
AUTHORS 1 Rappold, G. A. and Kirsch, S.
TITLE Height-related gene
JOURNAL Patent: WO 03091381-A 154 06-NOV-2003;
Rappold, Gudrun A. (DE)
FEATURES
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QY 621 CTCGAGAGCTCTT 634
DB 5 CTCGAGAGCTCTT 18

RESULT 1433
BD090844/c 20 bp DNA linear PAT 27-AUG-2002
LOCUS BD090844
DEFINITION Mammalian osteo regulin.
ACCESSION BD090844
VERSION BD090844.1 GI:22636454
KEYWORDS JP 2001321187-A/28.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
REFERENCE Fukayocsa, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 20)

AUTHORS Brown, T. A., Wet, J. R. D., Gowen, L. C. and Hames, L. M.
TITLE Mammalian osteo regulin
JOURNAL Patent: JP 2001321187-A 28 20-NOV-2001;
PRIZER PRODUCTS INC
COMMENT OS Mus musculus (mouse)
PN JP 2001321187-A/28
PD 20-NOV-2001
PE 28-FEB-2001 JP 2001055757
PT 29-FEB-2000 US 60/185617 22-SEP-2000 US 60/234500 PI
THOMAS AQUINAS BROWN, JEFFREY ROUX DE WET, LORI CHRISTINE GOWEN, PI
LYNN MARIE HAMES
PC C12N15/09, A01K67/027, A61K38/00, A61K45/00, A61P3/04, A61P9/10, PC
A61P9/10,
PC A61P19/00, A61P19/10, A61P43/00, C07K14/47, C07K16/18, C12N1/15, PC
C12N1/19,
PC C12N1/21, C12N5/10, C12N5/10, C12P21/02, C12Q1/02, C12Q1/68 PC
G01N33/15, G01N33/50,
PC
G01N33/566, G01N33/68//C12P21/08, (C12P21/02, C12R1:91), C12N15/00, PC
A61K37/02,
PC C12N5/00, C12N5/00
CC Mammalian osteo regulin
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 /db_xref="taxon:10090"

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Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5247 GAGCAGCCACAG 5260
DB 14 GAGCAGCCACAG 1

RESULT 1434
BD174075/c 20 bp DNA linear PAT 18-FEB-2003
LOCUS BD174075
DEFINITION Method of detecting nucleotide polymorphism.
ACCESSION BD174075
VERSION BD174075.1 GI:28415410
KEYWORDS WO 02064833-A/25.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
AUTHORS 1 (bases 1 to 20)
Sagawa, H., Kobayashi, B. and Kato, T.
TITLE Method of detecting nucleotide polymorphism
JOURNAL Patent: WO 02064833-A 25 22-AUG-2002;
TAKARA SHUZO CO LTD, HIROAKI SAGAWA, EIJI KOBAYASHI, IKUNOSHIN KATO
OS Artificial Sequence
PN WO 02064833-A/25
PD 22-AUG-2002
PE 14-FEB-2002 WO 2002JP001222
PR 15-FEB-2001 JP 01P 039268, 16-FEB-2001 JP 01P 040721 PR
30-MAR-2001 JP 01P 101055, 12-JUN-2001 JP 01P 177381 PR
25-SEP-2001 JP 01P 290384, 02-NOV-2001 JP 01P 338440 PR
03-DEC-2001 JP 01P 368929
PT HIROAKI SAGAWA, EIJI KOBAYASHI, IKUNOSHIN KATO
PC C12Q1/68, C12N15/09, G01N33/50
CC Designed PCR primer to amplify a portion of human CYP2C19 gene
FH Key Location/Qualifiers
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 Location/Qualifiers
 1. .20
 /organism="synthetic construct"
 /mol_type="genomic DNA"

/db_xref="taxon:32630"

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Best Local Similarity 100.0%; Pred. No. 8e+02;
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QY 4724 ACCAGCCTGAAG 4737
DB 15 ACCAGCCTGAAG 2

RESULT 1435

ABI66611/c 20 bp DNA linear SYN 01-JUN-2004
LOCUS Synthetic construct DNA, reverse primer for microsatellite
DEFINITION NRD1KM016.

ACCESSION ABI66611
VERSION ABI66611.1 GI:47827157

KEYWORDS

SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE

1 Ihara,N., Takasuga,A., Mizoshita,K., Takeda,H., Sugimoto,M.,
Mizoguchi,Y., Hirano,T., Itoh,T., Watanabe,T., Reed,K.M.,
Shelling,W.M., Kappes,S.M., Beattie,C.W., Bennett,G.L. and
Sugimoto,Y.
A comprehensive genetic map of the cattle genome based on 3802
microsatellites

microsatellites

REFERENCE Unpublished
2 (bases 1 to 20)

AUTHORS Sugimoto,Y., Ihara,N. and Mizoshita,K.

TITLE

Direct Submission
Submitted (04-MAR-2004) Yoshikazu Sugimoto, Shirakawa Institute of
Animal Genetics; Odakura, Nishigo, Niishi-shirakawa, Fukushima
961-8061, Japan (E-mail:kazusugi@iaag.or.jp, Tel:81-248-25-5641,
Fax:81-248-25-5725)

Location/Qualifiers

FEATURES

source

1..20 /organism="synthetic construct"

/mol_type="other DNA"

/db_xref="taxon:32630"

/chromosome="20"

misc_feature /note="reverse primer for microsatellite NRD1KM016"

Query Match 0.3%; Score 14; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 671 GCATGAGGTGCC 684
DB 19 GCATGAGGTGCC 6

RESULT 1436

ARO40105 18 bp DNA linear PAT 29-SEP-1999
LOCUS Sequence 953 from patent US 5807743.
DEFINITION ARO40105

ACCESSION ARO40105
VERSION ARO40105.1 GI:5959468

KEYWORDS

SOURCE Unknown.
ORGANISM Unknown.

REFERENCE

1 (bases 1 to 18)

AUTHORS Stinchcomb,D.T. and McSwigen,J.A.

JOURNAL Interleukin-2 receptor gamma-chain ribozymes
Patent: US 5807743-A 953 15-SEP-1998;

FEATURES

source

1..18 /organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 8.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2640 CCTGACGCTGCTGCTGC 2656
DB 2 CCTGACGCTGCTGCTGC 18

Search completed: November 2, 2004, 10:17:02
Job time : 94 secs

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115	19.2	0.4	24	1	ADF12405	LI retrotransposon	C 188	18.2	0.3	24	1	ADG16129	Compound activity
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C 119	19.2	0.4	26	1	AA132778	Triple helix-forml	C 192	18.2	0.3	24	1	ACD97129	Immunostimulatory
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C 122	19.2	0.4	26	1	AA519344	Oligonucleotide se	C 195	18.2	0.3	24	1	ADA66379	mRNA poly A. Undi
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C 131	19	0.3	21	1	AAU13038	Human DNA probe us	C 204	18.2	0.3	24	1	ADG75917	Non-CpG DNA oligon
C 132	19	0.3	27	1	AAAT70281	Sequence of scisb1	C 205	18.2	0.3	25	1	AAQ95960	Oligonucleotide bi
C 133	19	0.3	27	1	AAAT70274	Sequence of scisb1	C 206	18.2	0.3	25	1	AAK84258	PCR primer for hum
C 134	19	0.3	27	1	AAAG2240	SS probe MRCO46.	C 207	18.2	0.3	25	1	AAK84260	PCR primer for hum
C 135	19	0.3	27	1	AAAG2247	SS probe MRCO71.	C 208	18.2	0.3	25	1	AAK9306	Rapid capture prob
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C 141	19	0.3	27	1	ACH03245	Immunostimulatory	C 214	18.2	0.3	25	1	ACK28658	Human microarray D
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C 144	18.8	0.3	22	1	AAH28297	3' untranslated re	C 217	18.2	0.3	25	1	ADF39737	Target DNA sequenc
C 145	18.8	0.3	22	1	ADQ14522	Neuronal-cadherin	C 218	18.2	0.3	25	1	ADF39736	Prion protein poly
C 146	18.8	0.3	22	1	ADQ14524	Neuronal-cadherin	C 219	18.2	0.3	25	1	ADQ81145	PCR primer amplifi
C 147	18.8	0.3	22	1	ADQ14562	Neuronal-cadherin	C 220	18.2	0.3	25	1	ADQ77961	PCR primer amplifi
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C 150	18.8	0.3	26	1	AAV12482	Circular template	C 223	18.2	0.3	26	1	AAAT70275	Sequence of scisb1
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C 154	18.6	0.3	25	1	ABV80872	Human HTP1 scanlin	C 227	18.2	0.3	26	1	AAAT93819	Human BS124 specif
C 155	18.6	0.3	25	1	ABV80872	Human HTP1 scanlin	C 228	18.2	0.3	26	1	AAAT93819	Human pancreatic p
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C 157	18.4	0.3	22	1	AAQ20032	Human NMC chimeric	C 230	18.2	0.3	26	1	AAAT93819	CDNA library produ
C 158	18.4	0.3	22	1	AAQ20032	Cross-linking olig	C 231	18.2	0.3	26	1	AAAT93819	Primer #4. Unden
C 159	18.4	0.3	22	1	AAQ30380	Oligomer TNP211 fo	C 232	18.2	0.3	26	1	AAAT93819	Scaffold oligonuc
C 160	18.4	0.3	22	1	AAQ30380	Oligomer TNP212 fo	C 233	18.2	0.3	26	1	AAAT93819	Human zai1phal1 lig
C 161	18.4	0.3	24	1	ABK48140	Aspergillus niger	C 234	18.2	0.3	26	1	AAAT93819	Primer #2 used to
C 162	18.4	0.3	25	1	ADW92894	SNP-containing car	C 235	18.2	0.3	26	1	ABX93461	LS147-specific pol
C 163	18.4	0.3	26	1	AB552637	Human secreted sal	C 236	18.2	0.3	26	1	ABX93461	Oligodeoxynucleic
C 164	18.4	0.3	26	1	AAAD45054	ZC7231 primer used	C 237	18.2	0.3	26	1	ACA62282	Oligo (dtr) primer
C 165	18.4	0.3	26	1	ABX93598	Human zifig63 PCR/s	C 238	18.2	0.3	26	1	ADH44609	Human cDNA encodin
C 166	18.4	0.3	26	1	ACF36382	Nucleotide sequenc	C 239	18.2	0.3	26	1	ADH44609	Sequencing primer
C 167	18.4	0.3	26	1	AAAD5692	Bovine viral diarr	C 240	18.2	0.3	26	1	ADH44609	Gene expression in
C 168	18.4	0.3	26	1	AAAD5692	5' RACE PCR primer	C 241	18.2	0.3	26	1	ADH44609	Human zai1phal1 lig
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C 171	18.2	0.3	24	1	AAAT9286	POLYA, a competit	C 244	18.2	0.3	24	1	AD138836	Human LIM domain k
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C 259	17.8	0.3	22	1	ADB37205	Immunostimulatory
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C 262	17.8	0.3	22	1	ABD19659	Human chymase DNA
C 263	17.8	0.3	22	1	ADK61705	Base containing SS
C 264	17.8	0.3	22	1	ADK61713	Base containing SS
C 265	17.8	0.3	23	1	AAQ3511	Sequence of micros
C 266	17.8	0.3	24	1	AAQ00525	Antisense oligonuc
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C 268	17.8	0.3	24	1	AAQ00524	Target sequence #2
C 269	17.8	0.3	24	1	AAQ00526	Poly-pyrimidine ta
C 270	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
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C 288	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 289	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 290	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 291	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 292	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 293	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 294	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 295	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 296	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 297	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 298	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 299	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 300	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 301	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 302	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 303	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 304	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 305	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 306	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 307	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 308	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 309	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 310	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 311	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 312	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 313	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 314	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 315	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 316	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 317	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 318	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 319	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 320	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 321	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 322	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 323	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 324	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 325	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl

399	17	0.3	21	1	ABX03804	DNA encoding secre	472	16.4	0.3	22	1	ABT675572	Multipler group B3
400	16.8	0.3	20	1	AAV85862	LRPS PCR primer GP	473	16.2	0.3	21	1	AAQ678504	CD4 PCR primer B3
401	16.8	0.3	20	1	AAAF23284	Oligonucleotide fo	474	16.2	0.3	21	1	AAQ055804	PCR primer for amp
402	16.8	0.3	20	1	AAAF75041	Primer #13. Homo	475	16.2	0.3	21	1	AAQ75682	Reverse transcript
403	16.8	0.3	20	1	AAAD12399	Human caspase 8 mr	476	16.2	0.3	21	1	AAQ75645	Reverse transcript
404	16.8	0.3	20	1	ABN86953	Human NOV7 forward	477	16.2	0.3	21	1	AAQ090391	Cp-1 (synthetic DN
405	16.8	0.3	20	1	ABZ25473	Nicotiana tabacum	478	16.2	0.3	21	1	AAAT10743	Oligonucleotide pr
406	16.8	0.3	20	1	ACC84083	Chicken ovomucoid	479	16.2	0.3	21	1	AAV36491	Primer R2.5', ampl
407	16.8	0.3	20	1	ADD25028	Human caspase-8 an	480	16.2	0.3	21	1	AAV57641	Exon 4 of an ENAC
408	16.8	0.3	20	1	ABX12194	Human cholesterol	481	16.2	0.3	21	1	AAZ26733	Human polymorphic
409	16.8	0.3	20	1	ABSE58313	Silkworm epider dr	482	16.2	0.3	21	1	AAAX81302	3' ribonucleoside
410	16.8	0.3	20	1	ADHE64643	Human glucocortic	483	16.2	0.3	21	1	AAAX25057	Human atrial natri
411	16.8	0.3	20	1	ADHE5015	Human glucocortic	484	16.2	0.3	21	1	AAZ26973	Primer used to rev
412	16.8	0.3	20	1	ADK74444	Chimeric phospho	485	16.2	0.3	21	1	AAZ59350	Human SYP2 gene pr
413	16.8	0.3	20	1	ADP11348	Taqman probe of th	486	16.2	0.3	21	1	AAZ44350	Protein Kinase inh
414	16.8	0.3	21	1	AAQ91937	T-cell receptor Va	487	16.2	0.3	21	1	AAZ75939	Human biallelic ma
415	16.8	0.3	21	1	AAQ75729	Reverse transcript	488	16.2	0.3	21	1	AAAF66956	Human gene single
416	16.8	0.3	21	1	AAAT92734	V-alpha7 probe for	489	16.2	0.3	21	1	AAAF99707	Immunostimulatory
417	16.8	0.3	21	1	AAAT76088	Human histidine de	490	16.2	0.3	21	1	AAAH42480	Oligonucleotide us
418	16.8	0.3	21	1	AAAT7994	Ataxia telangiecta	491	16.2	0.3	21	1	AAAF24390	Complementary nucl
419	16.8	0.3	21	1	AAAI9906	Human histidine de	492	16.2	0.3	21	1	AAE779794	PCR primer MG173
420	16.8	0.3	21	1	AAAX5903	Streptococcus pneu	493	16.2	0.3	21	1	AAAF86496	PCR primer MG173
421	16.8	0.3	21	1	AAA33346	Histidine decarbox	494	16.2	0.3	21	1	AAAF6495	Angiogenesis inh
422	16.8	0.3	21	1	AAAP9468	Low adenosine anti	495	16.2	0.3	21	1	AAE784428	Immunostimulatory
423	16.8	0.3	21	1	ABLA3857	Human histidine de	496	16.2	0.3	21	1	AAAD30438	Human androgen rec
424	16.8	0.3	21	1	ABZ95162	Human hair keratin	497	16.2	0.3	21	1	AAE779794	EST polymorphic DN
425	16.8	0.3	21	1	ADJ92226	Human hair keratin	498	16.2	0.3	21	1	AAAD51323	Regulr oligo dr p
426	16.8	0.3	21	1	ABDI9062	Purine rich HDMTP	499	16.2	0.3	21	1	AAAC48167	R. araucariiae epox
427	16.8	0.3	22	1	AAQ250483	Human tumor necro	500	16.2	0.3	21	1	AAAC03246	Immunostimulatory
428	16.8	0.3	22	1	AAAT76387	Human tumor necro	501	16.2	0.3	21	1	ABB337809	Immunostimulatory
429	16.8	0.3	22	1	AAAX5456	Human adenosine A1	502	16.2	0.3	21	1	ADJ92252	Human hair keratin
430	16.8	0.3	22	1	AAAX3980	Low adenosine anti	503	16.2	0.3	21	1	ADK01309	Rat DNA microarray
431	16.8	0.3	22	1	AAAF20102	Human tumor necro	504	16.2	0.3	21	1	ADK01344	Rat DNA microarray
432	16.8	0.3	22	1	ABZ95162	Human hair keratin	505	16.2	0.3	21	1	ADK01284	Rat DNA microarray
433	16.8	0.3	22	1	ABZ95796	Human tumor necro	506	16.2	0.3	21	1	ADK01341	Rat DNA microarray
434	16.8	0.3	22	1	ABDI9536	Human tumor necro	507	16.2	0.3	21	1	ADK01329	Rat DNA microarray
435	16.8	0.3	23	1	AAAZ9753	Synthetic oligonuc	508	16.2	0.3	21	1	ADK01336	Rat DNA microarray
436	16.8	0.3	24	1	ABOC8384	Primer -CS (outer)	509	16.2	0.3	21	1	ADJ13120	Human DNA probe us
437	16.8	0.3	24	1	ABOC82590	Human carbamylaspa	510	16.2	0.3	21	1	ADN96310	Human ATP5f1 gene
438	16.8	0.3	24	1	ABO79142	Primer #2 related	511	16.2	0.3	21	1	ADJ88057	RT primer used in
439	16.8	0.3	24	1	ACCG8493	Human CPT2 gene PC	512	16.2	0.3	22	1	AAO07216	Control primer use
440	16.6	0.3	23	1	ADG35077	Human TNF receptor	513	16.2	0.3	22	1	AAO93472	Enzymatic RNA mole
441	16.6	0.3	23	1	ADG97129	Primer of the inve	514	16.2	0.3	22	1	AAO93472	Hammerhead ribozym
442	16.4	0.3	18	1	AAV21969	Nuclease resistant	515	16.2	0.3	22	1	AAK63379	Human scromelysin
443	16.4	0.3	18	1	AAAX91065	CAT gene target RN	516	16.2	0.3	22	1	ABK64865	Human breast tumou
444	16.4	0.3	18	1	ADH70321	Human Vbeta gene r	517	16.2	0.3	22	1	AAI60163	Human prostate-spee
445	16.4	0.3	18	1	ADH70679	Human Vbeta gene r	518	16.2	0.3	22	1	ADH69448	5' anchored (ISSR)
446	16.4	0.3	19	1	AAV30490	Canine beta-3 adre	519	16.2	0.3	22	1	ACG00645	Mammalian inverted
447	16.4	0.3	19	1	AAH45567	PCR primer related	520	16.2	0.3	22	1	ADJ12376	Single multiplex P
448	16.4	0.3	19	1	ABEA82228	zmax1 gene region	521	16.2	0.3	23	1	AAQ30432	Porcine IL6805 fo
449	16.4	0.3	19	1	ABK23025	Human zmax1 cDNA f	522	16.2	0.3	23	1	AAK57200	Oligomer Oct-4 PCR
450	16.4	0.3	19	1	ACCA5608	Human HBM STS mark	523	16.2	0.3	23	1	AAK81611	PCR primer used to
451	16.4	0.3	19	1	ABZ22486	Oligonucleotide kh	524	16.2	0.3	23	1	AAI70049	PCR primer lambda
452	16.4	0.3	19	1	ADB98306	Sequence tagged bl	525	16.2	0.3	23	1	ABJ91058	Hammerhead LDL rece
453	16.4	0.3	20	1	AAH95521	PCR primer used to	526	16	0.3	17	1	AAE05471	Hammerhead ribozym
454	16.4	0.3	20	1	AAH77677	PCR primer for hum	527	16	0.3	17	1	AAE05469	Hammerhead ribozym
455	16.4	0.3	20	1	ABN99718	Human clusterin in	528	16	0.3	17	1	AAAD1868	ON-21 oligonucleot
456	16.4	0.3	20	1	ABZ86076	Human oligonuclei	529	16	0.3	18	1	ABZ10676	Haematoepoietic cel
457	16.4	0.3	20	1	ABD22306	Human stratiolacti	530	16	0.3	20	1	AAE65475	Human WNT3 reverse
458	16.4	0.3	20	1	ADU53373	Human G protein-co	531	16	0.3	21	1	AAI64176	NPY Y1 mutant 129S
459	16.4	0.3	20	1	ADU53441	Human GPCR-6 DNA a	532	16	0.3	21	1	AAH77215	PCR primer 3 for a
460	16.4	0.3	21	1	AAQ20035	Cross-linking Olig	533	15.8	0.3	19	1	AAO51663	ADV primer (III) se
461	16.4	0.3	21	1	AAQ30385	Oligomer TNP216 fo	534	15.8	0.3	19	1	AAAT30413	Compound simple se
462	16.4	0.3	21	1	AAO30382	Oligomer TNP213 fo	535	15.8	0.3	19	1	ADP31861	Human IGF-1R signa
463	16.4	0.3	21	1	AAH62152	Voltage gated Na c	536	15.8	0.3	19	1	ADP31584	Human IGF-1R trans
464	16.4	0.3	21	1	ADU13701	Human DNA probe us	537	15.8	0.3	20	1	AAQ75581	Reverse transcript
465	16.4	0.3	21	1	ADU13846	Human DNA probe us	538	15.8	0.3	20	1	AAAT4129	Rat obese gene ant
466	16.4	0.3	21	1	ADU13700	Human DNA probe us	539	15.8	0.3	20	1	AAAS5551	TRAF2 antisense ol
467	16.4	0.3	21	1	ADU13810	Human DNA probe us	540	15.8	0.3	20	1	AAAS5806	Human histone deac
468	16.4	0.3	21	1	ADU13739	Human DNA probe us	541	15.8	0.3	20	1	AAZ32975	Human MKK4 exon A
469	16.4	0.3	21	1	ADU13039	Human DNA probe us	542	15.8	0.3	20	1	AACT99540	Murine p3delta ant
470	16.4	0.3	21	1	ADU13774	Human DNA probe us	543	15.8	0.3	20	1	AAH43116	Antisense oligo, c
471	16.4	0.3	21	1	ADU13107	Human DNA probe us	544	15.8	0.3	20	1	AAH81378	Human Y-box bindin

545	15.8	0.3	20	1	AAC89545	Human HDAC-2 antis
546	15.8	0.3	20	1	AAC89536	Aminoptine subeti
547	15.8	0.3	20	1	AA605714	Human glioma-ascoc
548	15.8	0.3	20	1	ABK30536	Tumour suppression
549	15.8	0.3	20	1	ABQ96037	Human chromosome 2
550	15.8	0.3	20	1	ABL45546	Human MEK4 antis
551	15.8	0.3	20	1	AAD37201	Human endogenous r
552	15.8	0.3	20	1	ABX04655	Human oligonucle
553	15.8	0.3	20	1	AB193625	Capture oligonucle
554	15.8	0.3	20	1	AB194997	Capture oligonucle
555	15.8	0.3	20	1	ABX78139	Murine p38-alpha M
556	15.8	0.3	20	1	ACC44257	5' primer to amplif
557	15.8	0.3	20	1	ACC70061	PCR primer for pig
558	15.8	0.3	20	1	ACC85486	Human HXK-A gene p
559	15.8	0.3	20	1	AA161584	Human inhibitor-ka
560	15.8	0.3	20	1	ADG25637	Tobacco SHMT PCR p
561	15.8	0.3	20	1	ABZ88038	Human oligonucleot
562	15.8	0.3	20	1	ABZ85534	Human oligonucleot
563	15.8	0.3	20	1	ABZ85036	Human oligonucleot
564	15.8	0.3	20	1	ABZ85670	Human oligonucleot
565	15.8	0.3	20	1	ABZ87765	Human oligonucleot
566	15.8	0.3	20	1	ABZ98968	Human PDBA oligon
567	15.8	0.3	20	1	ACC47647	Human IGFBP5 phosp
568	15.8	0.3	20	1	ADM34276	Mouse p38 MAPK ant
569	15.8	0.3	20	1	ABD34268	Human calmodulin 2
570	15.8	0.3	20	1	ABD37066	H93087-derived o1
571	15.8	0.3	20	1	ABD21900	Human etaninocalc1
572	15.8	0.3	20	1	ABD21764	Human etaninocalc1
573	15.8	0.3	20	1	ABD31999	Human PDBA-deri
574	15.8	0.3	20	1	ABD33995	Human calmodulin 2
575	15.8	0.3	20	1	ADP66213	Ians gene related
576	15.8	0.3	20	1	ADG75970	Immunostimulatory
577	15.8	0.3	20	1	ADH26716	Human p13K regulat
578	15.8	0.3	20	1	ADH26784	Human p13K regulat
579	15.8	0.3	20	1	ADH65486	Human glucocortic
580	15.8	0.3	20	1	ADH65757	Human glucocortic
581	15.8	0.3	20	1	ADH66756	Human glucocortic
582	15.8	0.3	20	1	ADH67178	Human glucocortic
583	15.8	0.3	20	1	ADH6820	Human KRA1531 tar
584	15.8	0.3	20	1	ADH46745	Human KRA1531 ant
585	15.8	0.3	20	1	ADH60851	Oligonucleotide as
586	15.8	0.3	20	1	ADJ18373	Antisense DNA o1ig
587	15.8	0.3	20	1	ADJ18838	Antisense DNA o1ig
588	15.8	0.3	20	1	ADK74191	Chimeric phosphor
589	15.8	0.3	20	1	ADK80791	Chimeric phosphor
590	15.8	0.3	20	1	ADK75025	Chimeric phosphor
591	15.8	0.3	20	1	ADK80516	ISIS antisense o1
592	15.8	0.3	20	1	ADL34605	Phosphonostitide-3
593	15.8	0.3	20	1	ADL34673	Human oligonucleot
594	15.8	0.3	20	1	ADH46340	Cyclin-dependent k
595	15.8	0.3	20	1	ADH31986	Cyclin-dependent k
596	15.8	0.3	20	1	ADH31911	Human ndogen anti
597	15.8	0.3	20	1	ADN94856	Human ndogen anti
598	15.8	0.3	20	1	ADN94920	Transcription fact
599	15.8	0.3	20	1	ADP20520	Transcription fact
600	15.8	0.3	20	1	ADH85645	Reverse transcript
601	15.8	0.3	21	1	AAQ75681	Reverse transcript
602	15.8	0.3	21	1	AAQ75730	Reverse transcript
603	15.8	0.3	21	1	AAQ75728	Reverse transcript
604	15.8	0.3	21	1	AAQ75727	Reverse transcript
605	15.8	0.3	21	1	ADG77640	Candle disease mar
606	15.8	0.3	21	1	AAK32871	TPO B13 sequence
607	15.8	0.3	21	1	AAK57097	Human mutant KCM2
608	15.8	0.3	21	1	AAK09047	Tumour necrosis fa
609	15.8	0.3	21	1	AAK96446	Human gene single
610	15.8	0.3	21	1	AAK99580	Immunostimulatory
611	15.8	0.3	21	1	AAK76158	Human oncostatin M
612	15.8	0.3	21	1	AAK52374	Human COL9A3 PCR p
613	15.8	0.3	21	1	ABK78296	Angiogenesis inhib
614	15.8	0.3	21	1	ABL38849	Immunostimulatory
615	15.8	0.3	21	1	AAK44216	Human I-kappa beta
616	15.8	0.3	21	1	ABK10202	Double stranded DN
617	15.8	0.3	21	1	ACC42594	Human oncostatin M
618	15.8	0.3	21	1	ACH03118	Immunostimulatory
619	15.8	0.3	21	1	ADB37082	Immunostimulatory
620	15.8	0.3	21	1	ADG45359	Human ERRA1pha cdn
621	15.8	0.3	21	1	ADJ13145	Human DNA probe us
622	15.8	0.3	21	1	ADJ13037	Human DNA probe us
623	15.8	0.3	21	1	ADJ13036	Human DNA probe us
624	15.8	0.3	21	1	ADJ13072	Human DNA probe us
625	15.8	0.3	21	1	ADJ13144	Human DNA probe us
626	15.8	0.3	21	1	ADJ13073	Human DNA probe us
627	15.8	0.3	21	1	ADJ13173	Human amyloid beta
628	15.8	0.3	21	1	ADL70482	RNA1 for human ins
629	15.8	0.3	21	1	ADL60643	Human organic antio
630	15.8	0.3	21	1	ADL60642	Human organic antio
631	15.8	0.3	22	1	AAK23356	Amino modified o1
632	15.8	0.3	22	1	AAV35632	SHOX gene exon Va
633	15.8	0.3	22	1	AAZ07304	Human telomerase R
634	15.8	0.3	22	1	AAK46352	PCR primer G2 used
635	15.8	0.3	22	1	AAK46352	Human SNA1 cdna bp
636	15.8	0.3	22	1	ABK52714	Human chromosome 1
637	15.8	0.3	22	1	ABK52714	Human bladder canc
638	15.8	0.3	22	1	ABV99963	Human G protein co
639	15.8	0.3	22	1	ADH14425	Optineurin promote
640	15.8	0.3	22	1	ADH15141	P. Oesusa P1A2B1B
641	15.8	0.3	22	1	ADJ10045	PCR primer 4 to am
642	15.8	0.3	22	1	ADH4991	Double stranded ol
643	15.8	0.3	22	1	ADH4991	Double stranded ol
644	15.8	0.3	22	1	ABZ07924	Human leukocyte ge
645	15.8	0.3	50	1	ADP10317	5'-anchored simple
646	15.8	0.3	20	1	AAK77916	Sequence of trans
647	15.8	0.3	22	1	AAQ37956	Type II procollage
648	15.8	0.3	22	1	AAQ65892	Human type I ligand
649	15.8	0.3	22	1	AAV02438	Human type I ligand
650	15.8	0.3	22	1	AAK57086	Human mutant KCM2
651	15.8	0.3	22	1	AAK81254	Human ligand polyp
652	15.8	0.3	22	1	AAK15531	PCR primer R1 used
653	15.8	0.3	22	1	AAK36878	Human X1S gene tr
654	15.8	0.3	22	1	AAK36878	Reverse PCR primer
655	15.8	0.3	22	1	AAK70378	Single nucleotide
656	15.8	0.3	22	1	AAK60520	Human PAC IR PCR p
657	15.8	0.3	22	1	AAK45105	Beta-amyloid precu
658	15.8	0.3	22	1	AAK98936	Immunostimulatory
659	15.8	0.3	22	1	AAK98936	Angiogenesis inhib
660	15.8	0.3	22	1	ABQ93268	T. tauschii/wheat
661	15.8	0.3	22	1	ABV77172	Primer and probe f
662	15.8	0.3	22	1	ADA00879	Mouse BDN RT-PCR
663	15.8	0.3	22	1	ACD99369	Immunostimulatory
664	15.8	0.3	22	1	ADB36438	Human papillomavir
665	15.8	0.3	22	1	ADP44288	HPV M88 detecting
666	15.8	0.3	22	1	ADG76036	Non-CpG DNA oligon
667	15.8	0.3	22	1	ADG76036	Non-CpG DNA oligon
668	15.8	0.3	22	1	ADH70416	Human Vbeta gene r
669	15.8	0.3	22	1	ADH70416	Human Vbeta gene r
670	15.8	0.3	22	1	ADH70416	Human Vbeta gene r
671	15.8	0.3	23	1	AAJ57112	Human epithelial c
672	15.8	0.3	17	1	AAQ20163	Cross-linking olig
673	15.8	0.3	17	1	AAQ30313	Oligomer CWM802 fo
674	15.8	0.3	17	1	AAK12445	Antiviral phosphor
675	15.8	0.3	17	1	AAV92388	Human A-Rat subscr
676	15.8	0.3	17	1	AAK25454	Oestrogen receptor
677	15.8	0.3	17	1	ABL46875	Human GR1D G-cleav
678	15.8	0.3	17	1	ABL46875	Tumour suppressio
679	15.8	0.3	17	1	ABZ22872	Locked nucleic aci
680	15.8	0.3	17	1	ABK45378	Tumour suppressio
681	15.8	0.3	17	1	ADJ151815	Human tumour suppr
682	15.8	0.3	17	1	ADH54233	Human GR1D mRNA bu
683	15.8	0.3	17	1	ADH70294	Human Vbeta gene r
684	15.8	0.3	17	1	ADH70382	Human Vbeta gene r
685	15.8	0.3	18	1	AAK732141	Human Vbeta gene r
686	15.8	0.3	18	1	AAK732141	DNA sequencing "pr
687	15.8	0.3	18	1	AAK732141	Primer V-alpha(16)
688	15.8	0.3	18	1	AAK85987	PCR primer used to
689	15.8	0.3	18	1	AAK88163	T cell receptor al
690	15.8	0.3	18	1	AAK08931	Human butyrlvin DNA

c 691	15.4	0.3	18	1	AAAS8390	Polynucleotide # 6	c 764	15.4	0.3	20	1	ADJ45339	Hepatoma-derived g
c 692	15.4	0.3	18	1	AAAS8389	Polynucleotide # 5	c 765	15.4	0.3	20	1	ADJ59589	Human ESM-1 antise
c 693	15.4	0.3	18	1	AAZ77145	Human biallelic ma	c 766	15.4	0.3	20	1	ADJ59612	Human ESM-1 antise
c 694	15.4	0.3	18	1	AAZ72859	Human Survivin ant	c 767	15.4	0.3	20	1	ADJ58962	Human ESM-1 antise
c 695	15.4	0.3	18	1	AAZ71649	Human Survivin ant	c 768	15.4	0.3	20	1	ADJ59695	Human ESM-1 antise
c 696	15.4	0.3	18	1	AAZ71598	Human Survivin ant	c 769	15.4	0.3	20	1	ADJ42533	Human NOVX PCR pri
c 697	15.4	0.3	18	1	AAZ71558	Human Survivin ant	c 770	15.4	0.3	21	1	AAJ067183	Primer for amplify
c 698	15.4	0.3	18	1	AAZ71267	HIV Pol sequencing	c 771	15.4	0.3	21	1	AAJ00869	HIV strain HXB2 ga
c 699	15.4	0.3	18	1	ABZ97214	Human CPY450281 pr	c 772	15.4	0.3	21	1	AAJ13768	Primer for amplify
c 700	15.4	0.3	18	1	ABZ82302	p53 mutation detec	c 773	15.4	0.3	21	1	AAJ18406	Polymorphic fragme
c 701	15.4	0.3	18	1	ABZ82303	p53 mutation detec	c 774	15.4	0.3	21	1	AAZ97503	HIV-1 protease gen
c 702	15.4	0.3	18	1	ABZ82303	p53 mutation detec	c 775	15.4	0.3	21	1	AAZ97507	HIV-1 protease gen
c 703	15.4	0.3	18	1	AAZ71545	Pyrim domain conta	c 776	15.4	0.3	21	1	AAZ77203	Human biallelic ma
c 704	15.4	0.3	18	1	ADZ898917	LRP5 mutagenic PCR	c 777	15.4	0.3	21	1	AAZ95599	Human endoglin PCR
c 705	15.4	0.3	18	1	ADJ34074	HIV pol region DNA	c 778	15.4	0.3	21	1	AAZ121622	Bovine RTS homolog
c 706	15.4	0.3	18	1	ADJ02714	Sequencing primer	c 779	15.4	0.3	21	1	AAZ931461	Oligonucleotide us
c 707	15.4	0.3	18	1	ADJ20873	MS Snup detection	c 780	15.4	0.3	21	1	AAZ96199	Human gene single
c 708	15.4	0.3	18	1	ADZ89896	Breast cancer asso	c 781	15.4	0.3	21	1	AAZ11636	Human CYP2B6 allel
c 709	15.4	0.3	19	1	AAJ09139	HTLV-1/tax constru	c 782	15.4	0.3	21	1	AAZ27878	Human NOV7 PCR for
c 710	15.4	0.3	19	1	AAJ09138	HTLV-1/tax constru	c 783	15.4	0.3	21	1	ACD40283	Breast tumour asso
c 711	15.4	0.3	19	1	AAJ46087	Primer for STS ass	c 784	15.4	0.3	21	1	ADJ97217	Synthetically modl
c 712	15.4	0.3	19	1	AAV01290	Transferrin PCR	c 785	15.4	0.3	21	1	ADJ13812	Human DNA probe us
c 713	15.4	0.3	19	1	AAZ63656	Oligo disclosed in	c 786	15.4	0.3	21	1	ADJ13106	Human DNA probe us
c 714	15.4	0.3	19	1	AAV05874	Primer #5 for STS	c 787	15.4	0.3	21	1	ADJ13699	Human cell adhesio
c 715	15.4	0.3	19	1	AAZ52863	Human genome biall	c 788	15.4	0.3	21	1	ADJ56417	Human cell adhesio
c 716	15.4	0.3	19	1	AAZ63632	PCNA HH ribozyme b	c 789	15.4	0.3	21	1	ADJ66780	Novel human protei
c 717	15.4	0.3	19	1	AAZ61464	PCNA HH ribozyme b	c 790	15.4	0.3	21	1	ADJ691944	Human cytokeatin
c 718	15.4	0.3	19	1	ADZ35660	HIV siNA oligonuc	c 791	15.4	0.3	21	1	ADJ47997	Duplex DNA strand
c 719	15.4	0.3	19	1	ADZ36398	HIV siNA oligonuc	c 792	15.4	0.3	21	1	ADJ42938	Guadinium functi
c 720	15.4	0.3	19	1	ADJ66971	RET oligonucleotid	c 793	15.4	0.3	21	1	ADJ68662	Rosa sp reverse PC
c 721	15.4	0.3	19	1	ADJ69619	Human PCNA siNA 10	c 794	15.4	0.3	21	1	ADJ19817	Human NOV7 DNA amp
c 722	15.4	0.3	19	1	ADJ69550	Human PCNA transcr	c 795	15.4	0.3	21	1	ADJ31660	Human haem oxygena
c 723	15.4	0.3	19	1	ADN34160	Upper strand of cy	c 796	15.4	0.3	21	1	ADJ70483	RNAI for human ins
c 724	15.4	0.3	19	1	ADN34399	Lower strand of cy	c 797	15.4	0.3	21	1	ADJ060290	Human NOV7 DNA spe
c 725	15.4	0.3	20	1	AAQ95361	Primer B (Group 1,	c 798	15.4	0.3	22	1	AAQ89896	Cytic fibrosis ch
c 726	15.4	0.3	20	1	AAZ77911	5'-anchored simple	c 799	15.4	0.3	22	1	AAZ78996	Human Huntington's
c 727	15.4	0.3	20	1	AAZ77909	5'-anchored simple	c 800	15.4	0.3	22	1	AAZ96617	Primer used in mis
c 728	15.4	0.3	20	1	AAZ65799	Primer #2 to ampl	c 801	15.4	0.3	22	1	AAJ50570	Molecular array pr
c 729	15.4	0.3	20	1	AAZ79382	Construction of a	c 802	15.4	0.3	22	1	ACC48484	Locked nucleic aci
c 730	15.4	0.3	20	1	AAZ92764	Primer #1 for immu	c 803	15.4	0.3	22	1	ACC48485	Locked nucleic aci
c 731	15.4	0.3	20	1	AAV49811	ADNF-III PCR prime	c 804	15.4	0.3	22	1	ACC48483	Mouse vitelliform
c 732	15.4	0.3	20	1	AAV52761	Immunoglobulin kap	c 805	15.4	0.3	22	1	ABZ80983	Anchored oligo dt
c 733	15.4	0.3	20	1	AAZ79722	PCR primer L5582 f	c 806	15.4	0.3	22	1	AAZ51324	Human RP-11-356A10
c 734	15.4	0.3	20	1	AAZ93323	PCR primer used to	c 807	15.4	0.3	22	1	ADJ64451	Human NOVX protei
c 735	15.4	0.3	20	1	AAZ55807	Human histone deac	c 808	15.4	0.3	22	1	ADJ688323	Single nucleotide
c 736	15.4	0.3	20	1	AAZ00754	Sense PCR primer #	c 809	15.4	0.3	22	1	ABZ74887	Oligo-dT primer us
c 737	15.4	0.3	20	1	AAZ09924	Primer 1 for human	c 810	15.4	0.3	22	1	ADJ34007	RNA extraction anc
c 738	15.4	0.3	20	1	AAZ80308	Human ASTH1 5' re	c 811	15.4	0.3	22	1	ADJ69815	PCR primer to ampl
c 739	15.4	0.3	20	1	AAZ43117	Antisense oligo, t	c 812	15.4	0.3	22	1	ADJ45826	Human fibrosis/sca
c 740	15.4	0.3	20	1	AAZ54889	PCR primer for act	c 813	15.4	0.3	22	1	ADJ97794	Oligonucleotide pr
c 741	15.4	0.3	20	1	AAZ89537	Human HDAC-2 PCR p	c 814	15.4	0.3	22	1	AAQ11215	Oligonucleotide us
c 742	15.4	0.3	20	1	AAZ89546	Human HDAC-2 antis	c 815	15.2	0.3	20	1	AAQ10290	Probe to beta-lact
c 743	15.4	0.3	20	1	AAZ83959	BAP2 gene fragmen	c 816	15.2	0.3	20	1	AAQ25565	Dye-coupled 3'-am
c 744	15.4	0.3	20	1	AAZ12482	Mouse caspase 8 mR	c 817	15.2	0.3	20	1	AAQ33554	Microsatellite seq
c 745	15.4	0.3	20	1	AAZ93328	T. tauechii/wheat	c 818	15.2	0.3	20	1	AAQ38578	Sequence of synthe
c 746	15.4	0.3	20	1	AAZ43430	Human BSMR gene po	c 819	15.2	0.3	20	1	AAQ94205	Alpha-anomerit oli
c 747	15.4	0.3	20	1	AAZ64386	Retroviral packagi	c 820	15.2	0.3	20	1	AAQ75585	Reverse transcript
c 748	15.4	0.3	20	1	AAZ64386	Human NAC chimeric	c 821	15.2	0.3	20	1	AAQ75568	Reverse transcript
c 749	15.4	0.3	20	1	ABT32448	Neuroblastoma-rela	c 822	15.2	0.3	20	1	AAQ90405	T2 (synthetic DNA
c 750	15.4	0.3	20	1	ABT32419	Neuroblastoma-rela	c 823	15.2	0.3	20	1	AAZ13632	Tumour marker p65
c 751	15.4	0.3	20	1	AAZ61851	Human RTBR-LP-2 an	c 824	15.2	0.3	20	1	AAV07752	Phosphorothioate o
c 752	15.4	0.3	20	1	ADZ56830	Mouse chaparonin p	c 825	15.2	0.3	20	1	AAZ63649	Anti-RTLV antisens
c 753	15.4	0.3	20	1	ADZ56830	Mouse caspase-8 an	c 826	15.2	0.3	20	1	AAZ63649	M. vaccae antigeni
c 754	15.4	0.3	20	1	ADZ56830	Variant detecting	c 827	15.2	0.3	20	1	AAZ63649	Adapter primer oli
c 755	15.4	0.3	20	1	ABZ85671	Human oligonucleot	c 828	15.2	0.3	20	1	AAZ68373	Oligonucleotide se
c 756	15.4	0.3	20	1	ABZ85852	Human oligonucleot	c 829	15.2	0.3	20	1	AAZ85606	P. obeus beacon p
c 757	15.4	0.3	20	1	ABZ86072	Human oligonucleot	c 830	15.2	0.3	20	1	AAZ57365	Synthetic RNA sequ
c 758	15.4	0.3	20	1	ABD21901	Human stannocalci	c 831	15.2	0.3	20	1	AAZ27533	PCR primer used to
c 759	15.4	0.3	20	1	ABD24812	AI092623-derived c	c 832	15.2	0.3	20	1	AAZ204702	Probe for human CS
c 760	15.4	0.3	20	1	ABD22302	Human stannocalci	c 833	15.2	0.3	20	1	AAZ27889	Myobacterial 16S
c 761	15.4	0.3	20	1	ADH08330	Mutant gene fragme	c 834	15.2	0.3	20	1	AAZ11326	B. cereus 16S rRNA
c 762	15.4	0.3	20	1	ADH12202	Human CHD5 PCR/seq	c 835	15.2	0.3	20	1	AAZ64851	Human B-raf kinase
c 763	15.4	0.3	20	1	ADJ45268	Hepatoma-derived g	c 836	15.2	0.3	20	1	AAZ21950	

C 837	15.2	0.3	20	1	AAK96207	PCR primer used to	C 910	15.2	0.3	20	1	ACA722109	Human PRO polypept
C 838	15.2	0.3	20	1	AAK94976	PCR primer used to	C 911	15.2	0.3	20	1	ABZ59177	Human TGR118 DNA e
C 839	15.2	0.3	20	1	AAA40449	Electrochemical det	C 912	15.2	0.3	20	1	ABX92749	Human PRO DNA PCR
C 840	15.2	0.3	20	1	AAA40448	Electrochemical det	C 913	15.2	0.3	20	1	ABX79181	Thio-modified 200a
C 841	15.2	0.3	20	1	ABL41405	Universal primer 2	C 914	15.2	0.3	20	1	ACC47072	Mouse phospholipase
C 842	15.2	0.3	20	1	AAA12081	Human ICAM-1 antis	C 915	15.2	0.3	20	1	ACA66490	Human secreted/tra
C 843	15.2	0.3	20	1	AAZ37992	Human GICLA gene e	C 916	15.2	0.3	20	1	ABX92177	Human secreted/tra
C 844	15.2	0.3	20	1	AACT8948	Human PRO772 rever	C 917	15.2	0.3	20	1	AAD52927	Human TTYH2 gene 1
C 845	15.2	0.3	20	1	AAZ91117	Oligonucleotide #5	C 918	15.2	0.3	20	1	AAI53968	DNA mutation detec
C 846	15.2	0.3	20	1	AAZ86913	Human wolfgramin ex	C 919	15.2	0.3	20	1	ACD27255	Nanotechnolgy nuc
C 847	15.2	0.3	20	1	AAAS0193	2'-Methoxyethoxy-m	C 920	15.2	0.3	20	1	ACD27125	Nanotechnolgy nuc
C 848	15.2	0.3	20	1	AAK59515	URP Oligonucleotid	C 921	15.2	0.3	20	1	ACD27385	Nanotechnolgy nuc
C 849	15.2	0.3	20	1	AAK58208	Human PRO772 rever	C 922	15.2	0.3	20	1	ACD27190	Nanotechnolgy nuc
C 850	15.2	0.3	20	1	AAAB8871	Protein tyrosine p	C 923	15.2	0.3	20	1	ACD27060	Nanotechnolgy nuc
C 851	15.2	0.3	20	1	AAA57408	PCR primer for DNA	C 924	15.2	0.3	20	1	ACH00064	Nanotechnolgy nuc
C 852	15.2	0.3	20	1	AAAD4829	Human glycogen syn	C 925	15.2	0.3	20	1	ACH03110	Immunostimulatory
C 853	15.2	0.3	20	1	AAK95023	Human cDNA clone-s	C 926	15.2	0.3	20	1	ACD99851	Immunostimulatory
C 854	15.2	0.3	20	1	AAK95024	Human cDNA clone-s	C 927	15.2	0.3	20	1	ACD99847	Immunostimulatory
C 855	15.2	0.3	20	1	AAAC87238	Phosphorothioate p	C 928	15.2	0.3	20	1	ACD99532	Immunostimulatory
C 856	15.2	0.3	20	1	AAAC87230	Digoxigenin-labell	C 929	15.2	0.3	20	1	ADA25116	Secreted and trans
C 857	15.2	0.3	20	1	AAAC87241	Poly T oligonucleo	C 930	15.2	0.3	20	1	ACD30091	Novel human secret
C 858	15.2	0.3	20	1	AAAS10402	DNA template for 3	C 931	15.2	0.3	20	1	ADA12777	Human secreted/tra
C 859	15.2	0.3	20	1	AAAD16997	Capture probe CPS'	C 932	15.2	0.3	20	1	ADA14838	Halpin target seq
C 860	15.2	0.3	20	1	AAAF60896	Conjugate forming	C 933	15.2	0.3	20	1	ACF04232	Murine embryonic c
C 861	15.2	0.3	20	1	AAH56999	Human oestrogen re	C 934	15.2	0.3	20	1	ACD29506	Novel human secret
C 862	15.2	0.3	20	1	AAH56348	Random oligonucleo	C 935	15.2	0.3	20	1	ADA06159	Nanoparticle label
C 863	15.2	0.3	20	1	AAAF28481	Oligonucleotide-na	C 936	15.2	0.3	20	1	ACD26995	Nanotechnolgy nuc
C 864	15.2	0.3	20	1	AAAS10371	Oligonucleotide-cy	C 937	15.2	0.3	20	1	ADB37074	Immunostimulatory
C 865	15.2	0.3	20	1	AAAF99427	Immunostimulatory	C 938	15.2	0.3	20	1	ADB36933	Immunostimulatory
C 866	15.2	0.3	20	1	AAAF99099	Immunostimulatory	C 939	15.2	0.3	20	1	ADB36601	Immunostimulatory
C 867	15.2	0.3	20	1	AAAF99431	Immunostimulatory	C 940	15.2	0.3	20	1	ADB36929	Immunostimulatory
C 868	15.2	0.3	20	1	AAAF99572	Immunostimulatory	C 941	15.2	0.3	20	1	ADB81470	Human oestrogen re
C 869	15.2	0.3	20	1	AAAH7989	SNP specific upper	C 942	15.2	0.3	20	1	ADB74083	Human PRO DNA PCR
C 870	15.2	0.3	20	1	AAAH20526	Human MTR1 PCR pri	C 943	15.2	0.3	20	1	ADB76799	Human PRO associat
C 871	15.2	0.3	20	1	AAAH46465	Oligonucleotide #1	C 944	15.2	0.3	20	1	ADC44225	Human PRO 772 Taqm
C 872	15.2	0.3	20	1	AAH78547	Nucleotide sequenc	C 945	15.2	0.3	20	1	ADC61985	Human PRO 772 Taqm
C 873	15.2	0.3	20	1	AAAF28351	DNA oligomer #1.	C 946	15.2	0.3	20	1	ADC63949	Human PRO 772 Taqm
C 874	15.2	0.3	20	1	AAH26069	Human NK-2 gene an	C 947	15.2	0.3	20	1	ADC67049	Human PRO 772 Taqm
C 875	15.2	0.3	20	1	AAAF23343	Oligonucleotide fo	C 948	15.2	0.3	20	1	ADC69173	Human PRO 772 Taqm
C 876	15.2	0.3	20	1	ABKA77233	Beta-actin PCR pri	C 949	15.2	0.3	20	1	ADC63233	Human PRO 772 Taqm
C 877	15.2	0.3	20	1	ABKA97573	Human LCAT gene re	C 950	15.2	0.3	20	1	ADC68298	Human PRO 772 Taqm
C 878	15.2	0.3	20	1	ABNB4468	Carboxypeptidase A	C 951	15.2	0.3	20	1	ADC41618	Human PRO 772 Taqm
C 879	15.2	0.3	20	1	AAAD46655	Human ABCG1 intro	C 952	15.2	0.3	20	1	ADC67673	Human PRO 772 Taqm
C 880	15.2	0.3	20	1	ABST77742	Angiogenesis inh	C 953	15.2	0.3	20	1	ADC62609	Human PRO 772 Taqm
C 881	15.2	0.3	20	1	ABST78072	Angiogenesis inh	C 954	15.2	0.3	20	1	ADC42242	Human PRO 772 Taqm
C 882	15.2	0.3	20	1	ABST78076	Angiogenesis inh	C 955	15.2	0.3	20	1	ADSA49641	Human PRO 772 Taqm
C 883	15.2	0.3	20	1	ABST78288	Angiogenesis inh	C 956	15.2	0.3	20	1	ADBS3665	Human PRO 772 Taqm
C 884	15.2	0.3	20	1	ABL39402	Immunostimulatory	C 957	15.2	0.3	20	1	ADBI6779	Human PRO 772 Taqm
C 885	15.2	0.3	20	1	ABL38648	Immunostimulatory	C 958	15.2	0.3	20	1	ADD73394	Human PRO 772 Taqm
C 886	15.2	0.3	20	1	ABL39403	Immunostimulatory	C 959	15.2	0.3	20	1	ADD72752	Human PRO 772 Taqm
C 887	15.2	0.3	20	1	ABL39179	Immunostimulatory	C 960	15.2	0.3	20	1	ADSI17403	Human PRO 772 Taqm
C 888	15.2	0.3	20	1	ABLS4775	CD14 receptor PCR	C 961	15.2	0.3	20	1	ADBS6508	Human FRP5 forward
C 889	15.2	0.3	20	1	ABK65035	Nanoparticle-oligo	C 962	15.2	0.3	20	1	ADBF9508	Tapesia yalundaet
C 890	15.2	0.3	20	1	ABK65050	Nanoparticle-oligo	C 963	15.2	0.3	20	1	ADFO9421	Linking oligonucle
C 891	15.2	0.3	20	1	ABSS2459	Human LINE-1 DNA a	C 964	15.2	0.3	20	1	ADBF6565	Nanotechnolgy nuc
C 892	15.2	0.3	20	1	AAI45122	Oligonucleotide sy	C 965	15.2	0.3	20	1	ADAD4709	Coassembled diluent
C 893	15.2	0.3	20	1	ABOB0721	Salmonella toxin g	C 966	15.2	0.3	20	1	ADFA7417	Human PRO 772 Taqm
C 894	15.2	0.3	20	1	ABLS6232	M tuberculosis FRN	C 967	15.2	0.3	20	1	ADFO9808	Human b-raf kinase
C 895	15.2	0.3	20	1	ABZ30599	Candida albicans G	C 968	15.2	0.3	20	1	ADBF6590	Nanotechnolgy nuc
C 896	15.2	0.3	20	1	AAAD34368	Human BSMR gene po	C 969	15.2	0.3	20	1	ADFP92514	Bread wheat amylos
C 897	15.2	0.3	20	1	ABSE4673	Nucleic acid detec	C 970	15.2	0.3	20	1	ADFP88151	Single nucleotide
C 898	15.2	0.3	20	1	ABSE4668	Nucleic acid detec	C 971	15.2	0.3	20	1	ADFP88208	Single nucleotide
C 899	15.2	0.3	20	1	ABNB6365	RANTRIS DNA amplif	C 972	15.2	0.3	20	1	ADGS3174	Human PRO 772 Taqm
C 900	15.2	0.3	20	1	AAAD4814	Human B-raf kinase	C 973	15.2	0.3	20	1	ADG60494	Human PRO 772 Taqm
C 901	15.2	0.3	20	1	ABIP6122	Capture oligonucle	C 974	15.2	0.3	20	1	ADHS9608	Non-nucleotide pro
C 902	15.2	0.3	20	1	ABNB6937	Human NOV4 reverse	C 975	15.2	0.3	20	1	ADHS9620	Non-nucleotide pro
C 903	15.2	0.3	20	1	ABNB7103	Capture probe CPS'	C 976	15.2	0.3	20	1	ADBI61254	Human PRO 772 Taqm
C 904	15.2	0.3	20	1	AAAD1716	Human IL-12 p35 su	C 977	15.2	0.3	20	1	ABZ86068	Human oligonucleot
C 905	15.2	0.3	20	1	ACAC3945	Novel human secret	C 978	15.2	0.3	20	1	ABZ88267	Human oligonucleot
C 906	15.2	0.3	20	1	ADDA4747	Antisense oligonuc	C 979	15.2	0.3	20	1	ABZ88565	Human oligonucleot
C 907	15.2	0.3	20	1	AAI61645	Thiol-modified oli	C 980	15.2	0.3	20	1	ABZ88619	Human oligonucleot
C 908	15.2	0.3	20	1	AAI61472	Human ATF3 antisen	C 981	15.2	0.3	20	1	ABZ90374	Human oligonucleot
C 909	15.2	0.3	20	1	ABZ59815	Potato gene PCR pr	C 982	15.2	0.3	20	1	ABZ89705	Human oligonucleot

983	15.2	0.3	20	1	ABZ88816	Human oligonucleot	1056	15.2	0.3	20	1	ABD25671	At024215-derived o
984	15.2	0.3	20	1	ABZ88881	Human oligonucleot	1057	15.2	0.3	20	1	ABD25776	At085559 DNA fragm
985	15.2	0.3	20	1	ABZ89546	Human oligonucleot	c1058	15.2	0.3	20	1	ABD25361	At1122807-derived o
986	15.2	0.3	20	1	ABZ89706	Human oligonucleot	1059	15.2	0.3	20	1	ABD21765	Human stannocalci
987	15.2	0.3	20	1	ABZ89104	Human pBE4c oligon	1060	15.2	0.3	20	1	ABD26604	AA909635-derived o
988	15.2	0.3	20	1	ABZ88620	Human oligonucleot	1061	15.2	0.3	20	1	ABD26880	AA278764-derived o
989	15.2	0.3	20	1	ABZ88880	Human oligonucleot	1062	15.2	0.3	20	1	ABD24850	At092823-derived o
990	15.2	0.3	20	1	ABZ89179	Human oligonucleot	1063	15.2	0.3	20	1	ABD24531	At652764-derived o
991	15.2	0.3	20	1	ABZ82865	Human oligonucleot	1064	15.2	0.3	20	1	ABD25532	At1125651-derived o
992	15.2	0.3	20	1	ABZ88814	Human oligonucleot	1065	15.2	0.3	20	1	ABD29095	AA679352-derived o
c 993	15.2	0.3	20	1	ABZ88456	Human oligonucleot	1066	15.2	0.3	20	1	ABD25046	At1128305-derived o
994	15.2	0.3	20	1	ABZ89241	Human oligonucleot	1067	15.2	0.3	20	1	ABD25676	AA293100-derived o
995	15.2	0.3	20	1	ABZ89650	Human oligonucleot	1068	15.2	0.3	20	1	ABD25044	At1128305-derived o
996	15.2	0.3	20	1	ABZ88301	Human oligonucleot	1069	15.2	0.3	20	1	ABD25111	At1125228-derived o
997	15.2	0.3	20	1	ABZ88618	Human oligonucleot	1070	15.2	0.3	20	1	ADP75338	Human endophilin 2
c 998	15.2	0.3	20	1	ABZ88815	Human oligonucleot	c1071	15.2	0.3	20	1	ADP48911	Human PRO 772 Taqm
c 999	15.2	0.3	20	1	ABZ89131	Human oligonucleot	c1072	15.2	0.3	20	1	ADP59012	Human PRO 772 Taqm
c1000	15.2	0.3	20	1	ABZ85311	Human oligonucleot	c1073	15.2	0.3	20	1	ADP61452	Human PRO 772 Taqm
1001	15.2	0.3	20	1	ABZ86071	Human oligonucleot	c1074	15.2	0.3	20	1	ADP45034	Human PRO 772 Taqm
c1002	15.2	0.3	20	1	ABZ85056	Human oligonucleot	c1075	15.2	0.3	20	1	ADP46140	Human PRO 772 Taqm
c1003	15.2	0.3	20	1	ABZ85435	Human oligonucleot	c1076	15.2	0.3	20	1	ADP24536	Human PRO 772 Taqm
1004	15.2	0.3	20	1	ABZ86075	Human oligonucleot	c1077	15.2	0.3	20	1	ADP40968	Human PRO 772 Taqm
1005	15.2	0.3	20	1	ABZ88817	Human oligonucleot	c1078	15.2	0.3	20	1	ADP23912	Human PRO 772 Taqm
1006	15.2	0.3	20	1	ABZ88939	Human oligonucleot	c1079	15.2	0.3	20	1	ADP33895	Human PRO 772 Taqm
1007	15.2	0.3	20	1	ABZ89302	Human oligonucleot	c1080	15.2	0.3	20	1	ADP27362	Human PRO 772 Taqm
1008	15.2	0.3	20	1	ABZ88566	Human oligonucleot	c1081	15.2	0.3	20	1	ADP27998	Human PRO 772 Taqm
c1009	15.2	0.3	20	1	ABZ83280	Human oligonucleot	c1082	15.2	0.3	20	1	ADP41592	Human PRO 772 Taqm
1010	15.2	0.3	20	1	ABZ89086	Human oligonucleot	c1083	15.2	0.3	20	1	ADP33271	Human PRO 772 Taqm
1011	15.2	0.3	20	1	ABZ88040	Human oligonucleot	c1084	15.2	0.3	20	1	ADP25637	Human PRO 772 Taqm
1012	15.2	0.3	20	1	ABZ88813	Human oligonucleot	c1085	15.2	0.3	20	1	ADP26738	Human PRO 772 Taqm
c1013	15.2	0.3	20	1	ABZ83391	Human oligonucleot	c1086	15.2	0.3	20	1	ADP34527	Human PRO 772 Taqm
1014	15.2	0.3	20	1	ABZ85533	Human oligonucleot	c1087	15.2	0.3	20	1	ADP46764	Human PRO 772 Taqm
1015	15.2	0.3	20	1	ABZ89015	Human oligonucleot	1088	15.2	0.3	20	1	ADH08814	Nanotechnology nuc
1016	15.2	0.3	20	1	ABZ89441	Human oligonucleot	1089	15.2	0.3	20	1	ADH08814	Nanotechnology nuc
1017	15.2	0.3	20	1	ABZ85535	Human oligonucleot	c1090	15.2	0.3	20	1	ADG50750	Human PRO 772 Taqm
1018	15.2	0.3	20	1	ABZ89016	Human oligonucleot	1091	15.2	0.3	20	1	ADG08749	Nanotechnology nuc
1019	15.2	0.3	20	1	ABZ89120	Human oligonucleot	c1092	15.2	0.3	20	1	ADG50126	Human PRO 772 Taqm
1020	15.2	0.3	20	1	ABZ89704	Human oligonucleot	c1093	15.2	0.3	20	1	ADG51998	Human PRO 772 Taqm
1021	15.2	0.3	20	1	ACD27320	Nanotechnology nuc	c1094	15.2	0.3	20	1	ADG49502	Human PRO 772 Taqm
c1022	15.2	0.3	20	1	ACCS8867	Doubly labeled DN	c1095	15.2	0.3	20	1	ADG48878	Human PRO 772 Taqm
c1023	15.2	0.3	20	1	ACD24197	Antisense oligomuc	1096	15.2	0.3	20	1	ADH70700	Human Vbeta gene r
c1024	15.2	0.3	20	1	ACD42910	Secreted and trans	1097	15.2	0.3	20	1	ADH70655	Human Vbeta gene r
c1025	15.2	0.3	20	1	ABZ22916	Phosphotriolate 2	1098	15.2	0.3	20	1	ADH70919	Human Vbeta PCR pr
1026	15.2	0.3	20	1	ABD22298	Human stannocalci	c1099	15.2	0.3	20	1	ADG51374	Human PRO 772 Taqm
1027	15.2	0.3	20	1	ABD24497	At1652901-derived o	1100	15.2	0.3	20	1	ADH56921	Human CARD4 DNA o1
1028	15.2	0.3	20	1	ABD25047	At1128305-derived o	c1101	15.2	0.3	20	1	ADH56921	Human CARD4 DNA o1
1029	15.2	0.3	20	1	ABD25316	At1092429-derived o	c1102	15.2	0.3	20	1	ADG59318	Human PRO 772 Taqm
1030	15.2	0.3	20	1	ABD21763	Human stannocalci	c1103	15.2	0.3	20	1	ADG62774	Human PRO 772 Taqm
1031	15.2	0.3	20	1	ABD25246	At051835-derived o	c1104	15.2	0.3	20	1	ADH65934	Human glucocortic
c1032	15.2	0.3	20	1	ABD29621	H86812-derived o11	1105	15.2	0.3	20	1	ADH66850	Human glucocortic
1033	15.2	0.3	20	1	ABD24848	At1092623-derived o	1106	15.2	0.3	20	1	ADH63229	Human glucocortic
c1034	15.2	0.3	20	1	ABD24849	At092623-derived o	1107	15.2	0.3	20	1	ADH66255	Human glucocortic
c1035	15.2	0.3	20	1	ABD21665	Human stannocalci	1108	15.2	0.3	20	1	ADH63290	Human glucocortic
1036	15.2	0.3	20	1	ABD24796	At1122689-derived o	1109	15.2	0.3	20	1	ADJ34492	Nucleotide sequenc
1037	15.2	0.3	20	1	ABD25043	At1128305-derived o	c1110	15.2	0.3	20	1	ADJ79500	Human HMG-CoA redu
1038	15.2	0.3	20	1	ABD25045	At1128305-derived o	c1111	15.2	0.3	20	1	ADJ79563	Human HMG-CoA redu
1039	15.2	0.3	20	1	ABD25350	At1096522-derived o	1112	15.2	0.3	20	1	ADJ79760	Human HMG-CoA redu
c1040	15.2	0.3	20	1	ABD29510	AA664176-derived o	1113	15.2	0.3	20	1	ADJ79697	Human HMG-CoA redu
1041	15.2	0.3	20	1	ABD23201	Human stannocalci	1114	15.2	0.3	20	1	ADJ47212	Polysaccharide analys
1042	15.2	0.3	20	1	ABD22305	Human stannocalci	c1115	15.2	0.3	20	1	ADJ51142	Molecule analysing
1043	15.2	0.3	20	1	ABD25245	At051835-derived o	1116	15.2	0.3	20	1	ADK97249	Primer of the inve
1044	15.2	0.3	20	1	ABD25409	At1122807-derived o	c1117	15.2	0.3	20	1	ADK95620	Primer of the inve
c1045	15.2	0.3	20	1	ABD24686	AA281534-derived o	1118	15.2	0.3	20	1	ADK69889	Oligonucleotide as
1046	15.2	0.3	20	1	ABD25169	At1041482-derived o	1119	15.2	0.3	20	1	ADJ32920	Oligo related to t
1047	15.2	0.3	20	1	ABD25471	At1041212-derived o	1120	15.2	0.3	20	1	ADJ32905	Synthetic thiol-mo
1048	15.2	0.3	20	1	ABD24270	Human calmodulin 2	c1121	15.2	0.3	20	1	ADJ62173	Human EDG1 antisen
1049	15.2	0.3	20	1	ABD24795	At1122689-derived o	1122	15.2	0.3	20	1	ADJ62140	Human EDG1 antisen
1050	15.2	0.3	20	1	ABD25110	At1152228-derived o	c1123	15.2	0.3	20	1	ADK69880	Sulphurised oligon
1051	15.2	0.3	20	1	ABD25993	AA505075-derived o	c1124	15.2	0.3	20	1	ADK69885	Sulphurised oligon
1052	15.2	0.3	20	1	ABD25935	AA505075-derived o	1125	15.2	0.3	20	1	ADK67452	Electrochemical de
1053	15.2	0.3	20	1	ABD25936	AA505075-derived o	c1126	15.2	0.3	20	1	ADJ16507	Antisense DNA olig
c1054	15.2	0.3	20	1	ABD2135	Human pBE4c-deriv	c1127	15.2	0.3	20	1	ADJ17944	Antisense DNA olig
c1055	15.2	0.3	20	1	ABD21541	S100 calcium bindi	c1128	15.2	0.3	20	1	ADJ15530	Antisense DNA olig

c1129	15.2	0.3	20	1	ADJ18317	Antisense DNA olig
c1130	15.2	0.3	20	1	ADJ1837	Human endothelial
c1131	15.2	0.3	20	1	ADJ22859	Human endothelial
c1132	15.2	0.3	20	1	ADJ21882	Human endothelial
c1133	15.2	0.3	20	1	ADK74647	Chimeric phosphoro
c1134	15.2	0.3	20	1	ADK80862	Chimeric phosphoro
c1135	15.2	0.3	20	1	ADK76498	Chimeric phosphoro
c1136	15.2	0.3	20	1	ADK74969	Chimeric phosphoro
c1137	15.2	0.3	20	1	ADK74889	Chimeric phosphoro
c1138	15.2	0.3	20	1	ADK72826	Chimeric phosphoro
c1139	15.2	0.3	20	1	ADK75921	Chimeric phosphoro
c1140	15.2	0.3	20	1	ADK76310	Chimeric phosphoro
c1141	15.2	0.3	20	1	ADL00984	Human VEGF co-regu
c1142	15.2	0.3	20	1	ADL32235	Clone specific PCR
c1143	15.2	0.3	20	1	ADL32236	Clone specific PCR
c1144	15.2	0.3	20	1	ADL7576	Human PEO 772 Taqm
c1145	15.2	0.3	20	1	ADL33726	LNA Oligomer #5.
c1146	15.2	0.3	20	1	ADL16632	Primer of the inve
c1147	15.2	0.3	20	1	ADL07410	Human PEO 772 Taqm
c1148	15.2	0.3	20	1	ADN03515	Mouse carboxypept1
c1149	15.2	0.3	20	1	ADN13992	Human mPGES-1 chim
c1150	15.2	0.3	20	1	ADN13994	Human mPGES-1 chim
c1151	15.2	0.3	20	1	ADN13999	Human mPGES-1 chim
c1152	15.2	0.3	20	1	ADN14008	Human mPGES-1 chim
c1153	15.2	0.3	20	1	ADN14002	Human mPGES-1 chim
c1154	15.2	0.3	20	1	ADN14090	Human mPGES-1 chim
c1155	15.2	0.3	20	1	ADN14151	Human mPGES-1 chim
c1156	15.2	0.3	20	1	ADN13997	Human mPGES-1 chim
c1157	15.2	0.3	20	1	ADN14017	Human mPGES-1 chim
c1158	15.2	0.3	20	1	ADN14018	Human mPGES-1 chim
c1159	15.2	0.3	20	1	ADN14088	Human mPGES-1 chim
c1160	15.2	0.3	20	1	ADN14257	Human mPGES-1 chim
c1161	15.2	0.3	20	1	ADN14000	Human mPGES-1 chim
c1162	15.2	0.3	20	1	ADN14006	Human mPGES-1 chim
c1163	15.2	0.3	20	1	ADN14014	Human mPGES-1 chim
c1164	15.2	0.3	20	1	ADN14020	Human mPGES-1 chim
c1165	15.2	0.3	20	1	ADN15225	Human mPGES-1 chim
c1166	15.2	0.3	20	1	ADN13991	Human mPGES-1 chim
c1167	15.2	0.3	20	1	ADN14003	Human mPGES-1 chim
c1168	15.2	0.3	20	1	ADN14005	Human mPGES-1 chim
c1169	15.2	0.3	20	1	ADN14246	Human mPGES-1 chim
c1170	15.2	0.3	20	1	ADN13995	Human mPGES-1 chim
c1171	15.2	0.3	20	1	ADN14011	Human mPGES-1 chim
c1172	15.2	0.3	20	1	ADN14240	Human mPGES-1 chim
c1173	15.2	0.3	20	1	ADN14009	Human mPGES-1 chim
c1174	15.2	0.3	20	1	ADN14010	Human mPGES-1 chim
c1175	15.2	0.3	20	1	ADN14089	Human mPGES-1 chim
c1176	15.2	0.3	20	1	ADN14627	Human mPGES-1 chim
c1177	15.2	0.3	20	1	ADN14016	Human mPGES-1 chim
c1178	15.2	0.3	20	1	ADN14075	Human mPGES-1 chim
c1179	15.2	0.3	20	1	ADN14189	Human mPGES-1 chim
c1180	15.2	0.3	20	1	ADN13996	Human mPGES-1 chim
c1181	15.2	0.3	20	1	ADN14001	Human mPGES-1 chim
c1182	15.2	0.3	20	1	ADN14004	Human mPGES-1 chim
c1183	15.2	0.3	20	1	ADN14012	Human mPGES-1 chim
c1184	15.2	0.3	20	1	ADN14015	Human mPGES-1 chim
c1185	15.2	0.3	20	1	ADN14021	Human mPGES-1 chim
c1186	15.2	0.3	20	1	ADN14388	Human mPGES-1 chim
c1187	15.2	0.3	20	1	ADN14013	Human mPGES-1 chim
c1188	15.2	0.3	20	1	ADN14019	Human mPGES-1 chim
c1189	15.2	0.3	20	1	ADN14087	Human mPGES-1 chim
c1190	15.2	0.3	20	1	ADN14300	Human mPGES-1 chim
c1191	15.2	0.3	20	1	ADN13993	Human mPGES-1 chim
c1192	15.2	0.3	20	1	ADN13998	Human mPGES-1 chim
c1193	15.2	0.3	20	1	ADN14007	Human mPGES-1 chim
c1194	15.2	0.3	20	1	ADN14124	Human mPGES-1 chim
c1195	15.2	0.3	20	1	ADN14216	Human mPGES-1 chim
c1196	15.2	0.3	20	1	ADN14216	Human mPGES-1 chim
c1197	15.2	0.3	20	1	ADN14216	Human mPGES-1 chim
c1198	15.2	0.3	20	1	ADN14216	Human mPGES-1 chim
c1199	15.2	0.3	20	1	ADN14216	Human mPGES-1 chim
c1200	15.2	0.3	20	1	ADN14216	Human mPGES-1 chim
c1201	15.2	0.3	20	1	ADN14216	Human mPGES-1 chim

1275	15.2	0.3	21	1	ACD06765	RT-PCR probe for h
1276	15.2	0.3	21	1	ACD06714	RT-PCR probe for h
1277	15.2	0.3	21	1	ACH03685	Ear I-based lysine
1278	15.2	0.3	21	1	ADB97482	ATR target sequenc
1279	15.2	0.3	21	1	ADC72223	S. pneumoniae sero
1280	15.2	0.3	21	1	ADP48471	Human Myc chemical
1281	15.2	0.3	21	1	ADF23282	Resolvase PCR prim
1282	15.2	0.3	21	1	ADG30149	MYC-targeted siNA
1283	15.2	0.3	21	1	ADG46663	PCR primer #2 for
1284	15.2	0.3	21	1	ADH76478	Chimeric pMS plas
1285	15.2	0.3	21	1	ACG47373	Rat IgG1 DNA ampli
1286	15.2	0.3	21	1	ADK01333	Rat DNA microarray
1287	15.2	0.3	21	1	ADK01281	Rat DNA microarray
1288	15.2	0.3	21	1	ADK01335	Rat DNA microarray
1289	15.2	0.3	21	1	ADK01282	Rat DNA microarray
1290	15.2	0.3	21	1	ADK01334	Rat DNA microarray
1291	15.2	0.3	21	1	ADK01296	Rat DNA microarray
1292	15.2	0.3	21	1	ADK01283	Rat DNA microarray
1293	15.2	0.3	21	1	ADK01343	Rat DNA microarray
1294	15.2	0.3	21	1	ADK01331	Rat DNA microarray
1295	15.2	0.3	21	1	ADK01332	Rat DNA microarray
1296	15.2	0.3	21	1	ADK01330	Rat DNA microarray
1297	15.2	0.3	21	1	ADK01332	Rat DNA microarray
1298	15.2	0.3	21	1	ADK01310	Rat DNA microarray
1299	15.2	0.3	21	1	ADK01342	Rat DNA microarray
1300	15.2	0.3	21	1	ADK01341	Rat DNA microarray
1301	15.2	0.3	21	1	ADU13049	Human DNA probe us
1302	15.2	0.3	21	1	ADU12995	Human DNA probe us
1303	15.2	0.3	21	1	ABD25908	Al654215-derived o
1304	15.2	0.3	21	1	ABD25907	Al654215-derived o
1305	15.2	0.3	21	1	ADK94639	Primer of the inve
1306	15.2	0.3	21	1	ADK94891	Primer of the inve
1307	15.2	0.3	21	1	ADK67451	Electrochemical de
1308	15.2	0.3	21	1	ADN02684	Liver disease asso
1309	15.2	0.3	21	1	ADN96622	Human NOVX probe #
1310	15.2	0.3	21	1	ADN96480	Human NOVX probe #
1311	15.2	0.3	21	1	ADN96586	Human NOVX probe #
1312	15.2	0.3	21	1	ADN96634	Human NOVX probe #
1313	15.2	0.3	21	1	ADN96610	Human NOVX probe #
1314	15.2	0.3	21	1	ADN96460	Human NOVX probe #
1315	15.2	0.3	21	1	ADN96661	Human NOVX probe #
1316	15.2	0.3	21	1	ADP12268	Taqman probe set 2
1317	15.2	0.3	21	1	ADP88014	Pig KIT/McIR gene
1318	15.2	0.3	39	1	AAI47120	Pyxin domain conta
1319	15.2	0.3	15	1	ADDO0756	PCR primer 1 used
1320	15	0.3	17	1	AA747218	Mouse bg critical
1321	15	0.3	17	1	AAF05468	Hammerhead ribozym
1322	15	0.3	17	1	ABN06773	Human GDMF-1 17-m
1323	15	0.3	17	1	ABN06774	Human GDMF-1 17-m
1324	15	0.3	17	1	ABN06775	Human GDMF-1 17-m
1325	15	0.3	17	1	ABK98153	Triple helix form1
1326	15	0.3	17	1	ADB43293	Tumour suppression
1327	15	0.3	17	1	AD149558	Human tumour suppr
1328	15	0.3	18	1	AA281377	Human PTEN phospho
1329	15	0.3	18	1	AA487963	UL9 herpes replic
1330	15	0.3	18	1	AA514003	Human PTEN antisen
1331	15	0.3	18	1	AA440038	Human PTEN antisen
1332	15	0.3	18	1	ADP43142	Human phosphatase
1333	15	0.3	18	1	AD130192	Human PTEN specifc
1334	15	0.3	19	1	AA272945	Human biallelic ma
1335	15	0.3	19	1	AD015065	Human PDGFR-target
1336	15	0.3	19	1	AD014754	Human PDGFR-target
1337	15	0.3	19	1	ADM76226	NEPNA gene transcr
1338	15	0.3	20	1	AA065541	Primer to amplify
1339	15	0.3	20	1	AA065541	Primer to amplify
1340	15	0.3	20	1	AA736809	Type II procollage
1341	15	0.3	20	1	AAV25613	Prostate-specific
1342	15	0.3	20	1	AAV68372	Primer for prostat
1343	15	0.3	20	1	AA28693	Adaptor primer o1l
1344	15	0.3	20	1	AA236086	Nucleotide sequenc
1345	15	0.3	20	1	AA171974	Reverse PCR primer
1346	15	0.3	20	1	AD037944	PSA forward primer
1347	15	0.3	20	1	AB865095	RT-PCR primer, R3N
						Human casein Kinase
1348	15	0.3	20	1	ADB99249	Human proetate spe
1349	15	0.3	20	1	ADB69530	Food enrichment-re
1350	15	0.3	20	1	ABE29387	Human IL4-R oligon
1351	15	0.3	20	1	ABE287225	Human oligonucleot
1352	15	0.3	20	1	ABD23455	Human myosin X-der
1353	15	0.3	20	1	ABD30418	Human IL4-R derive
1354	15	0.3	20	1	ADJ59206	Oligonucleotide as
1355	15	0.3	20	1	ADJ93320	Human proetate-spe
1356	15	0.3	20	1	ADK43324	Antisense 2'-MOE g
1357	15	0.3	20	1	ADK43347	Human PTPRA DNA ta
1358	15	0.3	20	1	AD044696	Human oligonucleot
1359	15	0.3	20	1	ADP10878	Set 1 left PCR pri
1360	15	0.3	20	1	ADP09977	Primer of the inve
1361	15	0.3	20	1	AD025903	Camelidae VHH-re1a
1362	15	0.3	21	1	AAQ32177	Reverse PCR primer
1363	15	0.3	21	1	AAQ20342	Probe based on N-t
1364	15	0.3	21	1	AA285056	Probe 33P2B. Bac1
1365	15	0.3	21	1	AAQ31422	Ant-activc toxin g
1366	15	0.3	21	1	AAQ37092	Toxin gene 33f2 pr
1367	15	0.3	21	1	AAQ81164	B.t. toxin probe 3
1368	15	0.3	21	1	AA766806	Bacillus thuringie
1369	15	0.3	21	1	AA760052	Probe 63B-A/33P2B
1370	15	0.3	21	1	AAV58992	B.t. toxin gene pr
1371	15	0.3	21	1	AAV67430	Nucleotide fragmen
1372	15	0.3	21	1	AA65104	Probe 33P2B used t
1373	15	0.3	21	1	AA65104	PCR primer #2 used
1374	15	0.3	21	1	ABK88244	Bacillus thuringie
1375	15	0.3	21	1	AA516680	Short interfering
1376	15	0.3	21	1	ADC16526	Human Myc chemical
1377	15	0.3	21	1	ADP48483	Human Myc chemical
1378	15	0.3	21	1	ADP48475	Human Myc chemical
1379	15	0.3	21	1	ADG30153	MYC-targeted siNA
1380	15	0.3	21	1	ADG30145	MYC-targeted siNA
1381	15	0.3	21	1	AD100385	PCR primer SEQ ID
1382	15	0.3	21	1	AD130235	Human PTEN specifc
1383	15	0.3	21	1	AD161362	Human protein tyro
1384	14.8	0.3	18	1	AAQ44791	Murine noggin 5' p
1385	14.8	0.3	18	1	AA172937	Noggin probe #3.
1386	14.8	0.3	18	1	AA705320	Primer for human p
1387	14.8	0.3	18	1	AA743107	Antisense primer t
1388	14.8	0.3	18	1	AA789137	Lutetium texaphyri
1389	14.8	0.3	18	1	AAV95047	Mouse IL-2 recepto
1390	14.8	0.3	18	1	AA241209	Human AKT-1 phosph
1391	14.8	0.3	18	1	AA240954	Human CD40 antisen
1392	14.8	0.3	18	1	AA18372	RT-PCR primer of t
1393	14.8	0.3	18	1	AA222225	Human Akt-1 mRNA 1
1394	14.8	0.3	18	1	AA18955	Fructose:glucose r
1395	14.8	0.3	18	1	AA18955	Fructose:glucose r
1396	14.8	0.3	18	1	AA271743	Human biallelic ma
1397	14.8	0.3	18	1	AA271089	Human biallelic ma
1398	14.8	0.3	18	1	AA453246	p450 polymorphism
1399	14.8	0.3	18	1	AA262642	Single nucleotide
1400	14.8	0.3	18	1	AA272714	Single nucleotide
1401	14.8	0.3	18	1	AA513717	Simple sequence re
1402	14.8	0.3	18	1	AA556330	Human mgLuribeta G
1403	14.8	0.3	18	1	AA565300	Human mgLurialpha
1404	14.8	0.3	18	1	AB143560	Human chromosome 1
1405	14.8	0.3	18	1	AA147147	Pyxin domain conta
1406	14.8	0.3	18	1	ABK98126	Triple helix form1
1407	14.8	0.3	18	1	AA54242	RNAp recognition a
1408	14.8	0.3	18	1	AA156695	Upstream PCR prime
1409	14.8	0.3	18	1	AA156683	Upstream PCR prime
1410	14.8	0.3	18	1	ABD31300	Human CD23-derived
1411	14.8	0.3	18	1	ADH70522	Human beta gene r
1412	14.8	0.3	18	1	ADH72475	Human reverse PCR
1413	14.8	0.3	18	1	ADJ60134	Oligonucleotide as
1414	14.8	0.3	18	1	AD045623	Human oligonucleot
1415	14.8	0.3	18	1	AD026674	Synthetic leader s
1416	14.8	0.3	18	1	AD026644	Synthetic leader s
1417	14.8	0.3	18	1	AD026638	Synthetic leader s
1418	14.8	0.3	18	1	AD026610	Synthetic leader s
1419	14.8	0.3	18	1	AD079612	KIA00783 extend pr
1420	14.8	0.3	18	1	AD094595	Mouse noggin DNA s

c1421	14.8	0.3	19	1	AAQ75552	Reverse transcript	1494	14.8	0.3	19	1	ADB27465	Stearoyl-CoA desat
c1422	14.8	0.3	19	1	AAT30405	Compound simple se	1495	14.8	0.3	19	1	ADB34919	Human secreted/tri
1423	14.8	0.3	19	1	AA52455	Forward PCR primer	c1496	14.8	0.3	19	1	ADP37651	Human VEGFR3 short
1424	14.8	0.3	19	1	AA76390	Human stromal cell	1497	14.8	0.3	19	1	ADP37404	Human VEGFR3 short
1425	14.8	0.3	19	1	AA72172	Humanised anti-Fas	1498	14.8	0.3	19	1	ADP49808	Human BCL2 s1NA 10
c1426	14.8	0.3	19	1	AA72173	Humanised anti-Fas	c1498	14.8	0.3	19	1	ADP49394	Human BCL2 s1NA 10
c1427	14.8	0.3	19	1	AA246626	Reverse primer spe	c1500	14.8	0.3	19	1	ADP17737	OLIgo marker TG330
c1428	14.8	0.3	19	1	AA11611	Humanised HPE7A de	1501	14.8	0.3	19	1	ADP31721	Human IGF-IR s1NA
1429	14.8	0.3	19	1	AA11610	Humanised HPE7A de	c1502	14.8	0.3	19	1	ADP31444	Human IGF-IR trans
1430	14.8	0.3	19	1	AA49745	Human PRO328 forwa	c1503	14.8	0.3	19	1	ADP54667	Human PEG10 revers
1431	14.8	0.3	19	1	ADP78598	Human PRO protein-	c1504	14.8	0.3	19	1	ADP93768	Human TERT s1NA 10
c1432	14.8	0.3	19	1	AA72613	Human PRO polyypep	1505	14.8	0.3	19	1	ADP93514	Human TERT transcr
c1433	14.8	0.3	19	1	AA19802	Beta-glucuronidase	c1506	14.8	0.3	19	1	ADP84781	Human AB11-targete
c1434	14.8	0.3	19	1	AA760234	Human ATM gene exo	1507	14.8	0.3	19	1	ADP84462	Human AB11-targete
c1435	14.8	0.3	19	1	AA77121	Rat TRD1-284 PCR p	1508	14.8	0.3	19	1	ADH59402	Human secreted/tri
1436	14.8	0.3	19	1	AA77472	Human PRO328 PCR p	1509	14.8	0.3	19	1	AD138181	Human secreted/tri
c1437	14.8	0.3	19	1	AA18811	Human gamma-delta-	c1510	14.8	0.3	19	1	AD100303	PCR primer SEQ ID
1438	14.8	0.3	19	1	AB272176	Gene 216 SSCP dete	1511	14.8	0.3	19	1	ADP84781	Human AB11-targete
c1439	14.8	0.3	19	1	ABA93848	Human GAGC1 revers	1512	14.8	0.3	19	1	ACA58529	Human secreted/tri
c1440	14.8	0.3	19	1	ABA96605	Canine epidiymis-	1513	14.8	0.3	19	1	ADJ26449	Human secreted/tri
1441	14.8	0.3	19	1	AB148732	Humanised anti-Fas	1514	14.8	0.3	19	1	AD169866	Human GIPr transcr
c1442	14.8	0.3	19	1	AB148732	Humanised anti-Fas	c1515	14.8	0.3	19	1	AD169979	Human GIPr s1NA 10
c1443	14.8	0.3	19	1	AB148732	Humanised anti-Fas	1516	14.8	0.3	19	1	ADJ26449	Human secreted/tri
c1444	14.8	0.3	19	1	AB148732	Humanised anti-Fas	1517	14.8	0.3	19	1	ADP79364	Human secreted/tri
c1445	14.8	0.3	19	1	AB145990	Humanised anti-Fas	1518	14.8	0.3	19	1	ADP79788	Human secreted/tri
1446	14.8	0.3	19	1	AB145989	Humanised anti-Fas	1519	14.8	0.3	19	1	ADP73999	Human secreted/tri
1447	14.8	0.3	19	1	AB080148	Right primer DBM01	1520	14.8	0.3	19	1	ADP73999	Human secreted/tri
1448	14.8	0.3	19	1	ACA60236	Human secreted/tri	1521	14.8	0.3	19	1	ADP99553	Human secreted/tri
1449	14.8	0.3	19	1	ACD07636	Novel human secret	1522	14.8	0.3	19	1	ADP98672	Human secreted/tri
1450	14.8	0.3	19	1	ACD20499	Human NOVX DNA PCR	1523	14.8	0.3	19	1	ADP98909	Human secreted/tri
1451	14.8	0.3	19	1	ABX71684	Human secreted/tri	1524	14.8	0.3	19	1	ADG40569	Human secreted/tri
1452	14.8	0.3	19	1	ACH07016	Human secreted/tri	1525	14.8	0.3	19	1	ADP73963	Human secreted/tri
1453	14.8	0.3	19	1	ABX75029	Human gene 216 pol	1526	14.8	0.3	19	1	ADP73539	Human secreted/tri
1454	14.8	0.3	19	1	ABX96253	Human secreted/tri	1527	14.8	0.3	19	1	ADG92382	Human secreted/tri
1455	14.8	0.3	19	1	ACA05574	Human secreted pro	1528	14.8	0.3	19	1	ADG92809	Human secreted/tri
1456	14.8	0.3	19	1	ACD20241	Novel secreted / c	c1529	14.8	0.3	19	1	ADG47553	OLIgomer ON #2 RNA
1457	14.8	0.3	19	1	ACA55044	Novel secreted and	1530	14.8	0.3	19	1	ADH20598	Human secreted/tri
c1458	14.8	0.3	19	1	AB269566	Epidiymal cell 11	1531	14.8	0.3	19	1	ADH07453	Human secreted/tri
1459	14.8	0.3	19	1	ACD19879	Human secreted / c	1532	14.8	0.3	19	1	ADH59998	Human secreted/tri
1460	14.8	0.3	19	1	ADP829491	Human secreted/tri	c1533	14.8	0.3	19	1	ADH51509	Plant infection-re
1461	14.8	0.3	19	1	ADP18347	Human secreted/tri	1534	14.8	0.3	19	1	ADH07026	Human secreted/tri
1462	14.8	0.3	19	1	ACD67026	Human secreted/tri	1535	14.8	0.3	19	1	ADH18768	Human secreted/tri
1463	14.8	0.3	19	1	ACD83187	Human PRO PCR prim	1536	14.8	0.3	19	1	ADP165488	Human secreted/tri
1464	14.8	0.3	19	1	ADP16332	Human secreted/tri	1537	14.8	0.3	19	1	AD137747	Human secreted/tri
1465	14.8	0.3	19	1	ADP42467	Human secreted/tri	c1538	14.8	0.3	19	1	ADH76781	MCHR1 genomic sequ
1466	14.8	0.3	19	1	ACD23365	Human PRO PCR prim	1539	14.8	0.3	19	1	ADP97547	Human secreted/tri
1467	14.8	0.3	19	1	ADP16746	Human secreted/tri	1540	14.8	0.3	19	1	ADP165915	Human secreted/tri
1468	14.8	0.3	19	1	ADP13175	Human secreted/tri	1541	14.8	0.3	19	1	ADH60658	Human secreted/tri
1469	14.8	0.3	19	1	ADP42043	Human secreted/tri	1542	14.8	0.3	19	1	ADJ36757	Human gene 216 SNP
1470	14.8	0.3	19	1	ADP17390	Human secreted/tri	1543	14.8	0.3	19	1	ADJ99715	Human secreted/tri
1471	14.8	0.3	19	1	ADP42893	Human secreted/tri	1544	14.8	0.3	19	1	ADJ08908	Human secreted/tri
1472	14.8	0.3	19	1	ACD23727	Human PRO PCR prim	c1545	14.8	0.3	19	1	ADP98188	Primer of the inve
1473	14.8	0.3	19	1	ADP787812	Human secreted/tri	1546	14.8	0.3	19	1	ADH25249	Human secreted/tri
1474	14.8	0.3	19	1	ADP787812	Human secreted/tri	1547	14.8	0.3	19	1	ADH181336	Gene 216 SSCP prim
1475	14.8	0.3	19	1	ADP828594	Human secreted/tri	1548	14.8	0.3	19	1	ADH29999	Human secreted/tri
1476	14.8	0.3	19	1	ADP828594	Human secreted/tri	1549	14.8	0.3	19	1	ADH28993	Human IL4R related
1477	14.8	0.3	19	1	ADP40308	Human secreted/tri	1550	14.8	0.3	19	1	ADP06321	Human PRO PCR prim
1478	14.8	0.3	19	1	ADP19132	Human secreted/tri	c1551	14.8	0.3	19	1	ADP60380	Human organic antio
1479	14.8	0.3	19	1	ADP19132	Human secreted/tri	1552	14.8	0.3	19	1	ADH62486	Human NOV43a RTQ-p
1480	14.8	0.3	19	1	ADP29487	Human secreted/tri	c1553	14.8	0.3	19	1	ADH94924	TS-associated gene
1481	14.8	0.3	19	1	ADP29487	Human secreted/tri	c1554	14.8	0.3	19	1	AAQ50493	Gender detection p
1482	14.8	0.3	19	1	ADP40903	Human secreted/tri	1555	14.8	0.3	19	1	AAQ87433	Pf628 gene primer
1483	14.8	0.3	19	1	ADP19560	Human secreted/tri	c1556	14.8	0.3	19	1	AAQ75579	Reverse transcript
1484	14.8	0.3	19	1	ADP19560	Human secreted/tri	c1557	14.8	0.3	19	1	AAQ75582	Reverse transcript
1485	14.8	0.3	19	1	ADP19560	Human secreted/tri	c1558	14.8	0.3	19	1	AAQ75580	Reverse transcript
1486	14.8	0.3	19	1	ADP19560	Human secreted/tri	c1559	14.8	0.3	19	1	AAV25286	Primer R2 for H-PY
1487	14.8	0.3	19	1	ADP05085	Human secreted/tri	c1560	14.8	0.3	19	1	AA769662	Tumour suppressor
1488	14.8	0.3	19	1	ADP03667	Human secreted/tri	c1561	14.8	0.3	19	1	AA790244	Pyrimidine ring mo
1489	14.8	0.3	19	1	ADP03667	Human secreted/tri	c1562	14.8	0.3	19	1	AA790244	Pyrimidine ring mo
c1490	14.8	0.3	19	1	ADP19568	Oreochromis niloti	c1563	14.8	0.3	19	1	AA790245	Pyrimidine ring mo
c1491	14.8	0.3	19	1	ADP65749	Human c-fos gene	c1564	14.8	0.3	19	1	AA790246	Pyrimidine ring mo
1492	14.8	0.3	19	1	ADP65633	Human c-fos transcr	1565	14.8	0.3	19	1	AAV85940	Human LRP-3 cDNA p
c1493	14.8	0.3	19	1	ADP27175	Stearoyl-CoA desat	1566	14.8	0.3	19	1	AAV68463	OLIgo contained ac

c1567	14.8	0.3	20	1	AAV62299	ING1 gene PCR prim	
1568	14.8	0.3	20	1	AAK18300	PCR primer for tel	
c1569	14.8	0.3	20	1	AAZ04476	PCR primer used to	
1570	14.8	0.3	20	1	AAK52412	Forward PCR primer	
c1571	14.8	0.3	20	1	AAK52201	PCR primer used to	
c1572	14.8	0.3	20	1	AAK93340	PCR primer used to	
c1573	14.8	0.3	20	1	AAAI3136	PI3K antisense inh	
1574	14.8	0.3	20	1	AAAI50392	Oxaloacetate hydro	
1575	14.8	0.3	20	1	AAAC58465	Human TNFalpha ant	
c1576	14.8	0.3	20	1	AAAI1065	Human TNFalpha ant	
c1577	14.8	0.3	20	1	AAAI0838	Human MDMK antisen	
c1578	14.8	0.3	20	1	AAAI1875	Human MAPK kinase	
1579	14.8	0.3	20	1	AAZ98572	Human fra-1 mRNA a	
c1580	14.8	0.3	20	1	AAAC60532	Murine factor V PC	
1581	14.8	0.3	20	1	AAAI60473	Eosinophil activat	
c1582	14.8	0.3	20	1	AAAS2673	Cell cycle regulat	
1583	14.8	0.3	20	1	AAAC83120	Oligonucleotide pr	
c1584	14.8	0.3	20	1	AAAC59853	Human PRO protein-	
1585	14.8	0.3	20	1	ADCF78542	Human PRO polypept	
1586	14.8	0.3	20	1	AAAF72570	Human tumour assoc	
c1587	14.8	0.3	20	1	AAH50875	Mis-matched target	
c1588	14.8	0.3	20	1	AAAF30884	Streptococcus pyog	
1589	14.8	0.3	20	1	AAH56684	Mouse PBCK-cytoso	
c1590	14.8	0.3	20	1	AAE60270	Immunostimulatory	
c1591	14.8	0.3	20	1	AAE99375	Integrin-linked Ki	
c1592	14.8	0.3	20	1	AAAF69353	Human PRO272 PCR p	
1593	14.8	0.3	20	1	AAAC97456	Human DR-alpha PCR	
c1594	14.8	0.3	20	1	AAAF6202	Human Nck-2 phosph	
1595	14.8	0.3	20	1	AAAC92713	8-aminopurine sube	
c1596	14.8	0.3	20	1	AAH505715	Mouse Survivin ant	
c1597	14.8	0.3	20	1	AAAS21714	Primer SEQ ID 12 u	
1598	14.8	0.3	20	1	AAH40964	Angiogenesis inh	
c1599	14.8	0.3	20	1	ABSL86020	Immunostimulatory	
c1600	14.8	0.3	20	1	ABSL8672	Human G protein co	
1601	14.8	0.3	20	1	ABT04911	Human G protein co	
c1602	14.8	0.3	20	1	ABT04910	Human G protein co	
1603	14.8	0.3	20	1	ABT04912	Mouse HYPILPI locu	
1604	14.8	0.3	20	1	ABK68290	Human calreticulin	
1605	14.8	0.3	20	1	AAAD39520	PCR primer SEQ ID	
c1606	14.8	0.3	20	1	ABV73524	Human chromosome 2	
c1607	14.8	0.3	20	1	ABL45353	Ancyclobacter form	
1608	14.8	0.3	20	1	ABN81300	Human nuclear proc	
1609	14.8	0.3	20	1	ABK4397	Human RBCQ gene a	
1610	14.8	0.3	20	1	ABT12884	Candida albicans G	
1611	14.8	0.3	20	1	ABZ30923	Human cancer promo	
c1612	14.8	0.3	20	1	ABX17325	Human R2P transcri	
c1613	14.8	0.3	20	1	ABD34906	Mouse HYPILPI locu	
1614	14.8	0.3	20	1	ABK71194	Oligonucleotide #1	
c1615	14.8	0.3	20	1	AAAD1867	Oligonucleotide #2	
c1616	14.8	0.3	20	1	AAAD1869	Murine MPL recepto	
1617	14.8	0.3	20	1	AAAS20650	Human RECQ protein	
1618	14.8	0.3	20	1	ABH68908	Capture oligonucle	
1619	14.8	0.3	20	1	ABY93462	Phosphorothioate o	
1620	14.8	0.3	20	1	ADG34588	Human secreted/tra	
1621	14.8	0.3	20	1	ACA60182	Novel human secret	
1622	14.8	0.3	20	1	ACD07582	Human DIO2 (type I	
c1623	14.8	0.3	20	1	ACF03686	Human secreted/tra	
1624	14.8	0.3	20	1	ABX71630	Human secreted/tra	
1625	14.8	0.3	20	1	ACH06962	Human secreted/tra	
c1626	14.8	0.3	20	1	ABT13531	Liver regeneration	
1627	14.8	0.3	20	1	ACC42234	Human p45 NF-E2 re	
c1628	14.8	0.3	20	1	ACC42637	H1A Class II regio	
1629	14.8	0.3	20	1	ACCT0832	Thiobacillus halog	
1630	14.8	0.3	20	1	ABX96199	Human secreted/tra	
1631	14.8	0.3	20	1	ACA05520	Human secreted pro	
1632	14.8	0.3	20	1	ACD20187	Human secreted / t	
c1633	14.8	0.3	20	1	ABT43591	m32 PCR primer rel	
1634	14.8	0.3	20	1	ABT43593	Novel secreted and	
1635	14.8	0.3	20	1	ACA54990	Human secreted / t	
1636	14.8	0.3	20	1	ACD19825	Human pXR antisens	
1637	14.8	0.3	20	1	AAI61372	MHC class II trans	
1638	14.8	0.3	20	1	ACF39632	Human secreted/tra	
1639	14.8	0.3	20	1	ADB29427		
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	1640	14.8	0.3	20	1	AAD57571	Human PLSCR3 antis
	c1641	14.8	0.3	20	1	ACD23043	Human NEMO gene ex
	1642	14.8	0.3	20	1	ADA18283	Human secreted/tra
	1643	14.8	0.3	20	1	ACD66972	Human secreted/tra
	c1644	14.8	0.3	20	1	ADA38106	Antisense oligo CG
	1645	14.8	0.3	20	1	ACD83133	Human PRO PCR prim
	1646	14.8	0.3	20	1	ADA16258	Human secreted/tra
	c1647	14.8	0.3	20	1	ACD97975	Immunostimulatory
	1648	14.8	0.3	20	1	ADA15333	Mouse HYPILPI locu
	1649	14.8	0.3	20	1	ADA42403	Human secreted/tra
	1650	14.8	0.3	20	1	ACD23311	Human PRO PCR prim
	c1651	14.8	0.3	20	1	AD57279	Human MIP3A DNA sp
	c1652	14.8	0.3	20	1	ADA27343	Human microvilli
	1653	14.8	0.3	20	1	ADA16682	Human secreted/tra
	1654	14.8	0.3	20	1	ADA13111	Human secreted/tra
	1655	14.8	0.3	20	1	ADA41979	Human secreted/tra
	1656	14.8	0.3	20	1	ADA17326	Human secreted/tra
	1657	14.8	0.3	20	1	ADA42829	Human secreted/tra
	c1658	14.8	0.3	20	1	ACD05066	Tumour necrosis fa
	1659	14.8	0.3	20	1	ACD05293	Tumour necrosis fa
	1660	14.8	0.3	20	1	ACD23673	Human PRO PCR prim
	1661	14.8	0.3	20	1	ADB95895	Mouse HYPILPI PCR
	c1662	14.8	0.3	20	1	ADB36877	Immunostimulatory
	1663	14.8	0.3	20	1	ADB80922	Anorexia / life-ab
	1664	14.8	0.3	20	1	ADB77748	Human secreted/tra
	1665	14.8	0.3	20	1	ADB74884	Human secreted/tra
	1666	14.8	0.3	20	1	ADC28530	Human secreted/tra
	1667	14.8	0.3	20	1	ADC39730	Human secreted/tra
	1668	14.8	0.3	20	1	ADC40244	Human secreted/tra
	1669	14.8	0.3	20	1	ADC19068	Human secreted/tra
	1670	14.8	0.3	20	1	ADC34368	Human secreted/tra
	1671	14.8	0.3	20	1	ADC29423	Human secreted/tra
	1672	14.8	0.3	20	1	ADC28954	Human secreted/tra
	1673	14.8	0.3	20	1	ADC40839	Human secreted/tra
	1674	14.8	0.3	20	1	ADC19496	Human secreted/tra
	1675	14.8	0.3	20	1	ADC33944	Human secreted/tra
	1676	14.8	0.3	20	1	ADC13014	Human secreted/tra
	1677	14.8	0.3	20	1	ADC12466	Human secreted/tra
	1678	14.8	0.3	20	1	ADP05021	Human secreted/tra
	1679	14.8	0.3	20	1	ADC84334	Human papillomavir
	1680	14.8	0.3	20	1	ADP04027	Human secreted/tra
	1681	14.8	0.3	20	1	ADP03603	Human secreted/tra
	c1682	14.8	0.3	20	1	ADD20528	Oreochromis niloti
	c1683	14.8	0.3	20	1	ADP61218	Human Ship-1 antis
	c1684	14.8	0.3	20	1	ADP61896	Human zaiaphallid
	1685	14.8	0.3	20	1	ADP61894	Human zaiaphallid
	1686	14.8	0.3	20	1	ADP75754	DRB1*1130 probe de
	1687	14.8	0.3	20	1	ADP34855	Human secreted/tra
	1688	14.8	0.3	20	1	ADP44236	HPV CP8034 detecti
	c1689	14.8	0.3	20	1	ADP44739	Human NOV4a revers
	1690	14.8	0.3	20	1	ADP38407	RT-PCR primer #4 f
	1691	14.8	0.3	20	1	ADP91008	Microorganism dect
	1692	14.8	0.3	20	1	ADG87473	Human zaiaphallid
	c1693	14.8	0.3	20	1	ADG87475	Human zaiaphallid
	1694	14.8	0.3	20	1	ADH52771	PCR primer PZ185-
	1695	14.8	0.3	20	1	ADH59338	Human secreted/tra
	1696	14.8	0.3	20	1	ADH44585	Mouse MFL/Human za
	1697	14.8	0.3	20	1	ADH38117	Human secreted/tra
	1698	14.8	0.3	20	1	ADH00921	PCR primer SEQ ID
	c1699	14.8	0.3	20	1	ADH94459	Human gene PCR pri
	c1700	14.8	0.3	20	1	ADH94384	Human gene PCR pri
	c1701	14.8	0.3	20	1	ADH94490	Human gene PCR pri
	1702	14.8	0.3	20	1	ADH94292	Human gene PCR pri
	c1703	14.8	0.3	20	1	ADH94433	Human gene PCR pri
	c1704	14.8	0.3	20	1	ABZ97802	Human CCR3 oligonu
	c1705	14.8	0.3	20	1	ABZ93316	Human oligonucleot
	c1706	14.8	0.3	20	1	ABZ86231	Human oligonucleot
	1707	14.8	0.3	20	1	ABZ86402	Human oligonucleot
	c1708	14.8	0.3	20	1	ABZ87315	Human oligonucleot
	c1709	14.8	0.3	20	1	ABZ90138	Human oligonucleot
	c1710	14.8	0.3	20	1	ABZ92436	Human oligonucleot
	c1711	14.8	0.3	20	1	ABZ85112	Human oligonucleot
	c1712	14.8	0.3	20	1	ABZ85418	Human oligonucleot

c1713	14.8	0.3	20	1	ABZ88028	Human oligonucleot	1786	14.8	0.3	20	1	ADH50650	Human IRAK-1 DNA,
c1714	14.8	0.3	20	1	ABZ87213	Human oligonucleot	1787	14.8	0.3	20	1	ADH06962	Human secreted/tra
c1715	14.8	0.3	20	1	ABZ87656	Human CCR3 oligonu	1788	14.8	0.3	20	1	ADH18704	Human secreted/tra
c1716	14.8	0.3	20	1	ABZ86785	Human oligonucleot	1789	14.8	0.3	20	1	ADH57141	Oryza minuta p19.1
c1718	14.8	0.3	20	1	ABZ85536	Human oligonucleot	1790	14.8	0.3	20	1	ADH97463	Human secreted/tra
c1719	14.8	0.3	20	1	ABZ85669	Human oligonucleot	1791	14.8	0.3	20	1	ADH65851	Human secreted/tra
c1720	14.8	0.3	20	1	ABZ88637	Human oligonucleot	1792	14.8	0.3	20	1	ADH60594	Human secreted/tra
c1721	14.8	0.3	20	1	ABZ89677	Human oligonucleot	1793	14.8	0.3	20	1	ADH00896	RT-PCR primer SEQ
c1722	14.8	0.3	20	1	ABZ89351	Human oligonucleot	1794	14.8	0.3	20	1	ADH99651	Human secreted/tra
c1723	14.8	0.3	20	1	ABZ88667	Human tyrosinase a o	1795	14.8	0.3	20	1	ADH08844	Human secreted/tra
c1724	14.8	0.3	20	1	ABZ89703	Human oligonucleot	1796	14.8	0.3	20	1	ADH97131	Primer of the inve
c1725	14.8	0.3	20	1	ABZ89319	Human oligonucleot	1797	14.8	0.3	20	1	ADH97535	Primer of the inve
c1726	14.8	0.3	20	1	ABZ89318	Human nucleic acid	1798	14.8	0.3	20	1	ADH59659	Oligonucleotide as
c1727	14.8	0.3	20	1	ABZ88694	Human oligonucleot	1799	14.8	0.3	20	1	ADH59513	Oligonucleotide as
c1728	14.8	0.3	20	1	ABZ893479	Human oligonucleot	1800	14.8	0.3	20	1	ADH60454	Oligonucleotide as
c1729	14.8	0.3	20	1	ABZ89351	Human oligonucleot	1801	14.8	0.3	20	1	ADH61326	Oligonucleotide as
c1730	14.8	0.3	20	1	ACAS9078	Human PPO PCR prim	1802	14.8	0.3	20	1	ADH60536	Oligonucleotide as
c1731	14.8	0.3	20	1	ACAS8475	Human PPO PCR prim	1803	14.8	0.3	20	1	ADH61695	VCAM receptor #16.
c1732	14.8	0.3	20	1	ACAS8278	Human GREAT gene e	1804	14.8	0.3	20	1	ADH58890	Human integrin-11n
c1733	14.8	0.3	20	1	ADH26385	Human secreted/tra	1805	14.8	0.3	20	1	ADH67454	PCR primer 1 used
c1734	14.8	0.3	20	1	ADH29426	Human N-acetylgluc	1806	14.8	0.3	20	1	ADH25185	Human secreted/tra
c1735	14.8	0.3	20	1	ADH29709	Macrophage colony	1807	14.8	0.3	20	1	ADH19128	Antisense 2-MOB ga
c1736	14.8	0.3	20	1	ADH24867	AA62698-derived o	1808	14.8	0.3	20	1	ADH18276	Antisense DNA olig
c1737	14.8	0.3	20	1	ABD26368	AA59692-derived o	1809	14.8	0.3	20	1	ADH18343	Antisense DNA olig
c1738	14.8	0.3	20	1	ABD26581	AA90633-derived o	1810	14.8	0.3	20	1	ADH22145	Human endothelial
c1739	14.8	0.3	20	1	ABD21648	S100 calcium bindl	1811	14.8	0.3	20	1	ADH21807	Human endothelial
c1740	14.8	0.3	20	1	ABD22632	Human myosin X-der	1812	14.8	0.3	20	1	ADH29935	Human secreted/tra
c1741	14.8	0.3	20	1	ABD20833	Human CCR3-derived	1813	14.8	0.3	20	1	ADH74572	Chimeric phospho
c1742	14.8	0.3	20	1	ABD21766	Human CCR3-derived	1814	14.8	0.3	20	1	ADH76269	Chimeric phospho
c1743	14.8	0.3	20	1	ABD23015	Human strannlocalcl	1815	14.8	0.3	20	1	ADH74649	Chimeric phospho
c1744	14.8	0.3	20	1	ABD23015	Human myosin X-der	1816	14.8	0.3	20	1	ADH81296	Chimeric phospho
c1745	14.8	0.3	20	1	ABD29549	Human CCR3-derived	1817	14.8	0.3	20	1	ADH80129	Chimeric phospho
c1746	14.8	0.3	20	1	ABD24258	AA661176-derived o	1818	14.8	0.3	20	1	ADH74900	Chimeric phospho
c1747	14.8	0.3	20	1	ABD21342	Human calmodulin 2	1819	14.8	0.3	20	1	ADH83469	Human zaipliall cdn
c1748	14.8	0.3	20	1	ABD22461	Human transglutamin	1820	14.8	0.3	20	1	ADH83471	Human zaipliall cdn
c1749	14.8	0.3	20	1	ABD23443	Human cathepsin C-	1821	14.8	0.3	20	1	ADH58062	Human ESM-1 antise
c1750	14.8	0.3	20	1	ABD28666	Human myosin X-der	1822	14.8	0.3	20	1	ADH57970	Human ESM-1 antise
c1751	14.8	0.3	20	1	ABD21399	T64626-derived o1	1823	14.8	0.3	20	1	ADH58246	Human BSM-1 antise
c1752	14.8	0.3	20	1	ABD51698	Human VCM-derived	1824	14.8	0.3	20	1	ADH017996	Primer of the inve
c1753	14.8	0.3	20	1	ABD29546	Human trypsinase a-d	1825	14.8	0.3	20	1	ADH018176	Primer of the inve
c1754	14.8	0.3	20	1	ABD21899	AA661176-derived o	1826	14.8	0.3	20	1	ADH06257	Human PPO PCR prim
c1755	14.8	0.3	20	1	ABD23545	Human strannlocalcl	1827	14.8	0.3	20	1	ADH050924	Reverse PCR primer
c1756	14.8	0.3	20	1	ADH79724	Human myosin X-der	1828	14.8	0.3	20	1	ADH011408	Human CDC14A antia
c1757	14.8	0.3	20	1	ADH79724	Human secreted/tra	1829	14.8	0.3	20	1	ADH01250	Human oligonucleot
c1758	14.8	0.3	20	1	ADH73400	Human secreted/tra	1830	14.8	0.3	20	1	ADH46035	Human oligonucleot
c1759	14.8	0.3	20	1	ADH73400	Human secreted/tra	1831	14.8	0.3	20	1	ADH45943	Human oligonucleot
c1760	14.8	0.3	20	1	ADH89489	Human secreted/tra	1832	14.8	0.3	20	1	ADH45149	Human oligonucleot
c1761	14.8	0.3	20	1	ADH89489	Human secreted/tra	1833	14.8	0.3	20	1	ADH47086	Human oligonucleot
c1762	14.8	0.3	20	1	ADH89489	Human secreted/tra	1834	14.8	0.3	20	1	ADH45003	Human oligonucleot
c1763	14.8	0.3	20	1	ADH89489	Human secreted/tra	1835	14.8	0.3	20	1	ADH52701	Parneoid x recept
c1764	14.8	0.3	20	1	ADH89489	Human secreted/tra	1836	14.8	0.3	20	1	ADH52701	Parneoid x recept
c1765	14.8	0.3	20	1	ADH89489	Human secreted/tra	1837	14.8	0.3	20	1	ADH54735	Parneoid x recept
c1766	14.8	0.3	20	1	ADH89489	Human secreted/tra	1838	14.8	0.3	20	1	ADH54629	Parneoid x recept
c1767	14.8	0.3	20	1	ADH89489	Human secreted/tra	1839	14.8	0.3	20	1	ADH52702	Parneoid x recept
c1768	14.8	0.3	20	1	ADH89489	Human secreted/tra	1840	14.8	0.3	20	1	ADH021193	NOD2/CARD15 sequen
c1769	14.8	0.3	20	1	ADH47354	Human retinoblasto	1841	14.8	0.3	20	1	ADH61595	COT102 nucleotide
c1770	14.8	0.3	20	1	ADH47354	Oligomer ON #3 RNA	1842	14.8	0.3	20	1	ADH433214	Brasilia napus AHA
c1771	14.8	0.3	20	1	ADH47354	Antisense oligomer	1843	14.8	0.3	20	1	ADH22087	Taqman probe used
c1772	14.8	0.3	20	1	ADH47354	Oligomer ON -13 RN	1844	14.8	0.3	20	1	ADH72076	Human glucose tran
c1773	14.8	0.3	20	1	ADH47354	Oligomer ON -11 DN	1845	14.8	0.3	20	1	ADH20000	Human glucose tran
c1774	14.8	0.3	20	1	ADH47354	Oligomer ON -21 RN	1846	14.8	0.3	20	1	ADH10928	Set 1 left PCR pri
c1775	14.8	0.3	20	1	ADH47354	Oligomer ON #1 use	1847	14.8	0.3	20	1	ADH11691	Set 2 left PCR pri
c1776	14.8	0.3	20	1	ADH47354	Oligomer ON -11 RN	1848	14.8	0.3	20	1	ADH33665	PCR primer 2 used
c1777	14.8	0.3	20	1	ADH47354	Oligomer ON -13 RN	1849	14.8	0.3	20	1	ADH48633	Human Notch3 DNA a
c1778	14.8	0.3	20	1	ADH47354	Human secreted/tra	1850	14.8	0.3	20	1	ADH50704	Human STAR2 antise
c1779	14.8	0.3	20	1	ADH59934	Human secreted/tra	1851	14.8	0.3	20	1	ADH50672	Human STAT antise
c1780	14.8	0.3	20	1	ADH59934	Human secreted/tra	1852	14.8	0.3	20	1	ADH43437	Human SLC26A2 tar9
c1781	14.8	0.3	20	1	ADH59934	Human glucocorticco	1853	14.8	0.3	20	1	ADH43437	Human SLC26A2 anti
c1782	14.8	0.3	20	1	ADH66045	Human glucocorticco	1854	14.8	0.3	20	1	ADH81572	Human CD1D antisen
c1783	14.8	0.3	20	1	ADH66045	Human glucocorticco	1855	14.8	0.3	20	1	ADH19744	Human CD1D antisen
c1784	14.8	0.3	20	1	ADH66510	Human glucocorticco	1856	14.8	0.3	20	1	ADH31768	MPL receptor-zalpn
c1785	14.8	0.3	20	1	ADH66510	Human glucocorticco	1857	14.8	0.3	20	1	ADH31843	Oestrogen-responsl
c1786	14.8	0.3	20	1	ADH66510	Human glucocorticco	1858	14.8	0.3	20	1	ADH44501	Human ABCS DNA an

c1859	14.8	0.3	20	1	ADP44426	Human ABCG5 DNA an
c1860	14.8	0.3	20	1	ADQ07559	Beta-actin gene 10
c1861	14.8	0.3	20	1	ADQ07565	Beta-actin gene 10
c1862	14.8	0.3	20	1	ADQ07563	Beta-actin gene 10
c1863	14.8	0.3	21	1	AA014196	Oligonucleotide pr
c1864	14.8	0.3	21	1	AA075724	Reverse transcript
c1865	14.8	0.3	21	1	AA075719	Reverse transcript
c1866	14.8	0.3	21	1	AA075719	Reverse transcript
c1867	14.8	0.3	21	1	AA075722	Reverse transcript
c1868	14.8	0.3	21	1	AA075723	Reverse transcript
c1869	14.8	0.3	21	1	AA075726	Reverse transcript
c1870	14.8	0.3	21	1	AA075731	Reverse transcript
c1871	14.8	0.3	21	1	AA075734	Reverse transcript
c1872	14.8	0.3	21	1	AA075720	Reverse transcript
c1873	14.8	0.3	21	1	AAV01104	Promatridiolactin p
c1874	14.8	0.3	21	1	AA078127	Canine disease mar
c1875	14.8	0.3	21	1	AAV52642	Hepatocyte nuclear
c1876	14.8	0.3	21	1	AAV52640	Hepatocyte nuclear
c1877	14.8	0.3	21	1	AAV51783	Zea mays genome re
c1878	14.8	0.3	21	1	AAV51785	Zea mays genome re
c1879	14.8	0.3	21	1	AAV67334	Nucleotide fragmen
c1880	14.8	0.3	21	1	AAV10054	Ligase detection r
c1881	14.8	0.3	21	1	AAV10029	Mismatch and analo
c1882	14.8	0.3	21	1	AAZ26142	Human polymorphic
c1883	14.8	0.3	21	1	AAZ26268	Human polymorphic
c1884	14.8	0.3	21	1	AAZ26141	Human polymorphic
c1885	14.8	0.3	21	1	AAZ28401	Collagen type III
c1886	14.8	0.3	21	1	AAZ21457	Human BUB1 PCR pri
c1887	14.8	0.3	21	1	AAZ236759	Oligonucleotide pr
c1888	14.8	0.3	21	1	AAZ76324	Human biallelic ma
c1889	14.8	0.3	21	1	AAZ76322	Intronc primer 12
c1890	14.8	0.3	21	1	AAE97699	Human gene single
c1891	14.8	0.3	21	1	AAE95318	Human gene single
c1892	14.8	0.3	21	1	AAE54504	Primer for amplify
c1893	14.8	0.3	21	1	AA169674	Hepatitis B virus
c1894	14.8	0.3	21	1	AAH88946	Human polymorphic
c1895	14.8	0.3	21	1	AAH89072	Human polymorphic
c1896	14.8	0.3	21	1	ABAI0136	Tail primer #136 f
c1897	14.8	0.3	21	1	ABK65513	Human single nucle
c1898	14.8	0.3	21	1	ABK65824	Human single nucle
c1899	14.8	0.3	21	1	AAD46492	Human HNP 1alpha m
c1900	14.8	0.3	21	1	AAD29616	Human beta1a sodiu
c1901	14.8	0.3	21	1	ABQ79628	Nucleotide sequenc
c1902	14.8	0.3	21	1	ABK63284	Human steroid 17-a
c1903	14.8	0.3	21	1	ACA90081	Cardiovascular dis
c1904	14.8	0.3	21	1	ACF57038	Human ADAMTS16 PCR
c1905	14.8	0.3	21	1	ADD20454	Oreochromis niloti
c1906	14.8	0.3	21	1	ADD19918	Oreochromis niloti
c1907	14.8	0.3	21	1	ADBE47934	Human NOVA reverse
c1908	14.8	0.3	21	1	ADP37884	Human VEGFR3 short
c1909	14.8	0.3	21	1	ADP37892	Human VEGFR3 short
c1910	14.8	0.3	21	1	ADP37876	Human VEGFR3 short
c1911	14.8	0.3	21	1	ADP50597	Antisense DNA olig
c1912	14.8	0.3	21	1	ACF58256	Candidate 3 gene f
c1913	14.8	0.3	21	1	ADP54653	CYP26 gene primer
c1914	14.8	0.3	21	1	ADG38551	Human genomic Cpg
c1915	14.8	0.3	21	1	ABZ75647	Template (CTGA)6-A
c1916	14.8	0.3	21	1	ADJ13736	Human DNA probe us
c1917	14.8	0.3	21	1	ADJ13035	Human DNA probe us
c1918	14.8	0.3	21	1	ADJ13143	Human DNA probe us
c1919	14.8	0.3	21	1	ADJ13665	Human DNA probe us
c1920	14.8	0.3	21	1	ADJ13111	Human DNA probe us
c1921	14.8	0.3	21	1	ADJ13111	Human DNA probe us
c1922	14.8	0.3	21	1	ADJ13628	Human DNA probe us
c1923	14.8	0.3	21	1	ADJ13847	Human DNA probe us
c1924	14.8	0.3	21	1	ADJ13629	Human DNA probe us
c1925	14.8	0.3	21	1	ADJ13737	Human DNA probe us
c1926	14.8	0.3	21	1	ADJ13705	Human DNA probe us
c1927	14.8	0.3	21	1	ADJ13664	Human DNA probe us
c1928	14.8	0.3	21	1	ADJ13775	Human DNA probe us
c1929	14.8	0.3	21	1	ADJ13147	Human DNA probe us
c1930	14.8	0.3	21	1	ADJ13071	Human DNA probe us
c1931	14.8	0.3	21	1	ABD25933	AA505075-derived o

1932	14.8	0.3	21	1	ADJ79204	Human NOVX protein
1933	14.8	0.3	21	1	ADK00177	Murine pmn sequenc
c1934	14.8	0.3	21	1	ADN00292	Rat interferon-ind
c1935	14.8	0.3	21	1	AD016729	4 synthesis-period
c1936	14.8	0.3	21	1	AD061414	Human ATP1A2 DNA p
1937	14.8	0.3	21	1	AD085851	Human carcinoma ca
1938	14.8	0.3	20	1	AA147122	Pyrin domain conta
1939	14.6	0.3	20	1	AA27908	5'-anchored simple
c1940	14.4	0.3	19	1	AAV0490	Canine beta-3 adre
c1941	14.4	0.3	19	1	AA09139	HTLV-1/tax constru
1942	14.4	0.3	19	1	AA09138	HTLV-1/tax constru
1943	14.4	0.3	19	1	AA063656	Oligo disclosed in
1944	14.4	0.3	20	1	ACC45203	Human NAC chimeric
c1945	14.2	0.3	20	1	ABZ86076	Human oligonucleot
c1946	14.2	0.3	20	1	ABD22306	Human stannocalci
c1947	14.2	0.3	20	1	ABZ88040	Human oligonucleot
c1948	14.2	0.3	20	1	ABD24270	Human calmodulin 2
c1949	14.2	0.3	20	1	ADP84334	Human papillomavir
c1950	14.2	0.3	20	1	ADP44236	HPV CP8034 detecti
c1951	14.2	0.3	22	1	AA64532	PCR primer G2 used
1952	13.8	0.3	18	1	AAV95047	Mouse IL-2 recepto

ALIGNMENTS

RESULT 1	
ID	ABZ00511
ABZ00511	standard; DNA; 50 BP.
AC	ABZ00511;
XX	
DT	09-JAN-2003 (first entry)
XX	
DE	Human leukocyte gene expression profiling probe SEQ ID NO 502.
XX	
KW	T7; leukocyte; gene expression profiling; allograft rejection;
KW	atherosclerosis; congestive heart failure; systemic lupus erythematosus;
KW	rheumatoid arthritis; osteoarthritis; cytomegalovirus; infection; probe;
XX	ss.
OS	Homo sapiens.
XX	
PN	WO200257414-A2.
PD	
XX	25-JUL-2002.
XX	
PF	22-OCT-2001; 2001WO-US047856.
XX	
PP	
XX	
PA	(BIOC-) BIOCARDIA INC.
XX	
PI	Wohlgenuth J, Fry K, Matcuk G, Altman P, Prentice J, Phillips J;
PI	Ly N, Woodward R, Quertermous T, Johnson P;
XX	
DR	WPI; 2002-636525/68.
XX	
PT	New system for leukocyte expression profiling, diagnosing a disease, or
PT	monitoring (the rate of) progression of a disease, e.g. atherosclerosis
PT	or congestive heart failure, comprises diagnostic oligonucleotides.
XX	
PS	Claim 1; Page 341; Opp; English.
XX	
CC	The invention relates to a system for detecting gene expression, which
CC	comprises one or two isolated DNA molecules that detect expression of a
CC	gene, where the gene corresponds to any of 8143 oligonucleotides
CC	(ABZ00010-ABZ08152) each having 50 base pairs (bp). The system is useful
CC	for leukocyte expression profiling. It is particularly useful for
CC	diagnosing a disease, monitoring (rate of) progression of a disease,
CC	predicting therapeutic outcome, determining prognosis for a patient,
CC	predicting disease complications in an individual or monitoring response

CC to treatment in an individual. The diseases include cardiac allograft
 CC rejection, kidney allograft rejection, liver allograft rejection,
 CC atherosclerosis, congestive heart failure, systemic lupus erythematosus,
 CC rheumatoid arthritis, osteoarthritis or cytomegalovirus infection
 XX
 SQ Sequence 50 BP; 10 A; 13 C; 14 G; 13 T; 0 U; 0 Other;

Query Match 0.9%; Score 50; DB 1; Length 50;
 Best Local Similarity 100.0%; Pred. No. 0.0061;
 Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 5148 AACCATTTGCTGTGTCACAGGGTGAGCCCCCAAAATTGGGGTTC 5197
 |||||
 DB 1 AACCATTTGCTGTGTCACAGGGTGAGCCCCCAAAATTGGGGTTC 50

RESULT 2
 AB203219
 ID AB203219 standard; DNA; 50 BP.

AC AB203219;
 DT 09-JAN-2003 (first entry)
 XX
 XX Human leukocyte gene expression profiling probe SEQ ID NO 3210.

XX T7; leukocyte; gene expression profiling; allograft rejection;
 KW atherosclerosis; congestive heart failure; systemic lupus erythematosus;
 KW rheumatoid arthritis; osteoarthritis; cytomegalovirus; infection; probe;
 KW se.
 XX
 XX Homo sapiens.

OS
 XX
 XX WO200257414-A2.
 PN
 XX
 XX 25-JUL-2002.

XX 22-OCT-2001; 2001WO-US047856.
 XX
 XX 20-OCT-2000; 2000US-0241994P.
 PR 08-JUN-2001; 2001US-0296764P.
 XX
 XX (BIOC-) BIOCARDIA INC.

PA Wohlgemuth J, Fry K, Matcuk G, Altman P, Prentice J, Phillips J;
 PI Ly N, Woodward R, Quetermous T, Johnson F;
 XX
 XX MPI; 2002-636525/68.

XX New system for leukocyte expression profiling, diagnosing a disease, or
 PT monitoring (the rate of) progression of a disease, e.g. atherosclerosis
 PT or congestive heart failure, comprises diagnostic oligonucleotides.
 XX
 XX Claim 1; Page 430; Opp; English.

XX The invention relates to a system for detecting gene expression, which
 CC comprises one or two isolated DNA molecules that detect expression of a
 CC gene, where the gene corresponds to any of 8143 oligonucleotides
 CC (AB200010-AB208152) each having 50 base pairs (bp). The system is useful
 CC for leukocyte expression profiling. It is particularly useful for
 CC diagnosing a disease, monitoring (rate of) progression of a disease,
 CC predicting therapeutic outcome, determining prognosis for a patient,
 CC predicting disease complications in an individual or monitoring response
 CC to treatment in an individual. The diseases include cardiac allograft
 CC rejection, kidney allograft rejection, liver allograft rejection,
 CC atherosclerosis, congestive heart failure, systemic lupus erythematosus,
 CC rheumatoid arthritis, osteoarthritis or cytomegalovirus infection
 XX
 XX Sequence 50 BP; 9 A; 11 C; 20 G; 10 T; 0 U; 0 Other;

Query Match 0.9%; Score 50; DB 1; Length 50;
 Best Local Similarity 100.0%; Pred. No. 0.0061;
 Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 5160 CTGGCTGTGTCAACAGGGTGAGCCCCCAAAATTGGGGTTCAGCGTGAGAGCC 5209
 |||||
 DB 1 CTGGCTGTGTCAACAGGGTGAGCCCCCAAAATTGGGGTTCAGCGTGAGAGCC 50

RESULT 3
 AB203479
 ID AB203479 standard; DNA; 50 BP.
 XX
 XX AB203479;
 AC
 XX
 XX 09-JAN-2003 (first entry)
 DT
 XX
 XX Human leukocyte gene expression profiling probe SEQ ID NO 3470.

XX T7; leukocyte; gene expression profiling; allograft rejection;
 KW atherosclerosis; congestive heart failure; systemic lupus erythematosus;
 KW rheumatoid arthritis; osteoarthritis; cytomegalovirus; infection; probe;
 KW se.
 XX
 XX Homo sapiens.

OS
 XX
 XX WO200257414-A2.
 PN
 XX
 XX 25-JUL-2002.

XX 22-OCT-2001; 2001WO-US047856.
 XX
 XX 20-OCT-2000; 2000US-0241994P.
 PR 08-JUN-2001; 2001US-0296764P.
 XX
 XX (BIOC-) BIOCARDIA INC.

PA Wohlgemuth J, Fry K, Matcuk G, Altman P, Prentice J, Phillips J;
 PI Ly N, Woodward R, Quetermous T, Johnson F;
 XX
 XX MPI; 2002-636525/68.

XX New system for leukocyte expression profiling, diagnosing a disease, or
 PT monitoring (the rate of) progression of a disease, e.g. atherosclerosis
 PT or congestive heart failure, comprises diagnostic oligonucleotides.
 XX
 XX Claim 1; Page 437; Opp; English.

XX The invention relates to a system for detecting gene expression, which
 CC comprises one or two isolated DNA molecules that detect expression of a
 CC gene, where the gene corresponds to any of 8143 oligonucleotides
 CC (AB200010-AB208152) each having 50 base pairs (bp). The system is useful
 CC for leukocyte expression profiling. It is particularly useful for
 CC diagnosing a disease, monitoring (rate of) progression of a disease,
 CC predicting therapeutic outcome, determining prognosis for a patient,
 CC predicting disease complications in an individual or monitoring response
 CC to treatment in an individual. The diseases include cardiac allograft
 CC rejection, kidney allograft rejection, liver allograft rejection,
 CC atherosclerosis, congestive heart failure, systemic lupus erythematosus,
 CC rheumatoid arthritis, osteoarthritis or cytomegalovirus infection
 XX
 XX Sequence 50 BP; 9 A; 11 C; 20 G; 10 T; 0 U; 0 Other;

Query Match 0.9%; Score 50; DB 1; Length 50;
 Best Local Similarity 100.0%; Pred. No. 0.0061;
 Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 5160 CTGGCTGTGTCAACAGGGTGAGCCCCCAAAATTGGGGTTCAGCGTGAGAGCC 5209
 |||||
 DB 1 CTGGCTGTGTCAACAGGGTGAGCCCCCAAAATTGGGGTTCAGCGTGAGAGCC 50

RESULT 4
 AB207924
 ID AB207924 standard; DNA; 50 BP.
 XX

```
AC AB207924;
XX
XX 09-JAN-2003 (first entry)
DT
XX
XX Human leukocyte gene expression profiling probe SEQ ID NO 7915.
DE
XX
XX T7; leukocyte; gene expression profiling; allograft rejection;
KM atherosclerosis; congestive heart failure; systemic lupus erythematosus;
KM rheumatoid arthritis; osteoarthritis; cytomegalovirus; infection; probe;
XX ss.
XX Homo sapiens.
OS
XX WO200257414-A2.
XX
XX 25-JUL-2002.
XX
XX 22-OCT-2001; 2001WO-US047856.
XX
XX 20-OCT-2000; 2000US-0243994P.
XX
XX 08-JUN-2001; 2001US-0296764P.
XX
XX (BIOC-) BIOCARDIA INC.
XX
XX Wohlgenuth J, Fry K, Matcuk G, Altman P, Prentice J, Phillips J,
PI Ly N, Woodward R, Quettermous T, Johnson F;
XX
XX MPI; 2002-636525/68.
XX
XX New system for leukocyte expression profiling, diagnosing a disease, or
PT monitoring (the rate of) progression of a disease, e.g. atherosclerosis
PT or congestive heart failure, comprises diagnostic oligonucleotides.
XX
XX Claim 1; Page 583; Opp; English.
XX
XX The invention relates to a system for detecting gene expression, which
CC comprises one or two isolated DNA molecules that detect expression of a
CC gene, where the gene corresponds to any of 8143 oligonucleotides
CC (AB200010-AB208152) each having 50 base pairs (bp). The system is useful
CC for leukocyte expression profiling. It is particularly useful for
CC diagnosing a disease, monitoring (rate of) progression of a disease,
CC predicting therapeutic outcome, determining prognosis for a patient,
CC predicting disease complications in an individual or monitoring response
CC to treatment in an individual. The diseases include cardiac allograft
CC rejection, kidney allograft rejection, liver allograft rejection,
CC atherosclerosis, congestive heart failure, systemic lupus erythematosus,
CC rheumatoid arthritis, osteoarthritis or cytomegalovirus infection
XX
XX Sequence 50 BP; 12 A; 9 C; 18 G; 11 T; 0 U; 0 Other;
SQ
Query Match 0.9%; Score 50; DB 1; Length 50;
Best Local Similarity 100.0%; Pred. No. 0.0061;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 5131 GAATAGAGGAGCATGGAACCATTTGCTGCTGTGTCAAGGGTGAG 5180
DB 1 GAATAGAGGAGCATGGAACCATTTGCTGCTGTGTGTCAAGGGTGAG 50
RESULT 5
ADP10317
ID ADP10317 standard; DNA; 50 BP.
XX
XX ADP10317;
AC
XX
XX 12-AUG-2004 (first entry)
DT
XX
XX 50-mer oligonucleotide marker probe of the invention #326.
DE
XX
XX transplant rejection; immune system; rheumatoid arthritis; lupus;
KM inflammatory bowel disease; multiple sclerosis; HIV; AIDS; ss.
XX
XX Homo sapiens.
OS
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```
XX
XX WO2004042346-A2.
XX
XX 21-MAY-2004.
XX
XX 24-APR-2003; 2003WO-US012946.
XX
XX 24-APR-2002; 2002US-00131831.
XX
XX 20-DEC-2002; 2002US-00325899.
XX
XX (EXPR-) EXPRESSION DIAGNOSTICS INC.
XX
XX Wohlgenuth J, Fry K, Woodward R, Ly N, Prentice J, Morris M,
PI Rosenberg S;
XX
XX MPI; 2004-400724/37.
XX
XX Diagnosing or monitoring transplant rejection, e.g. heart, kidney, liver,
PT pancreas, pancreatic islet, lung, bone marrow or stem cell transplant
PT rejection, in an individual, comprises detecting the expression level of
PT the genes.
XX
XX Claim 2; SEQ ID NO 326; 1762bp; English.
XX
XX The present invention relates to diagnosing or monitoring transplant
CC rejection, e.g. cardiac or kidney transplant rejection, in an individual
CC comprises detecting the expression level of one or more genes. The
CC methods, system and kits are useful in diagnosing or monitoring
CC transplant rejection, e.g. heart, kidney, liver, pancreas, pancreatic
CC islet, lung, bone marrow or stem cell transplant rejection,
CC xenotransplant rejection or mechanical organ replacement rejection, in an
CC individual. The method is also useful in assessing the immune status of
CC an individual. The methods are also useful in diagnosing and monitoring
CC diseases that involve the immune system, e.g. rheumatoid arthritis,
CC lupus, inflammatory bowel diseases, multiple sclerosis, HIV/AIDS or
CC viral, bacterial or fungal infection. The present sequence represents a
CC 50 mer oligonucleotide marker for diagnosis and monitoring of allograft
CC rejection and other disorders.
XX
XX Sequence 50 BP; 12 A; 9 C; 18 G; 11 T; 0 U; 0 Other;
SQ
Query Match 0.9%; Score 50; DB 1; Length 50;
Best Local Similarity 100.0%; Pred. No. 0.0061;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 5131 GAATAGAGGAGCATGGAACCATTTGCTGCTGTGTCAAGGGTGAG 5180
DB 1 GAATAGAGGAGCATGGAACCATTTGCTGCTGTGTGTCAAGGGTGAG 50
RESULT 6
AAL47120
ID AAL47120 standard; DNA; 39 BP.
XX
XX AAL47120;
AC
XX
XX 20-AUG-2002 (first entry)
DT
XX
XX Pyrin domain containing protein coding sequence PCR primer UT1497.
DE
XX
XX Pyrin domain; PYD domain; antiinflammatoxy; antiparkinsonian;
KM antiarteriosclerotic; antipsoaratic; antibacterial; virucide;
KM neuroprotective; antiahrilic; antirheumatic; antiasthmatic;
KM nephrotropic; osteopathic; nocotropic; intracellular signal transduction;
KM inflammation; Alzheimer's disease; infection; psoriasis; asthma;
KM arteriosclerosis; multiple sclerosis; rheumatoid arthritis; sarcoidosis;
KM osteoarthritis; glomerulonephritis; PCR; primer; ss.
XX
XX Unidentified.
XX
XX WO200240668-A2.
XX
XX 23-MAY-2002.
PD
```

```
XX 30-OCT-2001, 2001WO-EP012545.
PF 15-NOV-2000, 2000DB-01056687.
PR 30-NOV-2000, 2000DB-01059595.
XX (APOT-) APOTEC RES & DEV LTD.
XX
XX Tschoopp J, Martinon F;
XX WPI, 2002-427093/45.
XX
XX New DNA encoding protein with pyrin domain, useful for treating diseases
XX involving impaired signal transduction, particularly inflammation, also
XX proteins and antibodies.
XX
XX Example, Page 49, 116pp; German.
XX
XX The present invention relates the DNA and their encoded proteins, where
XX the proteins contain at least one PYD (pyrin) domain. These can be used
XX to treat diseases associated with impaired intracellular signal
XX transduction, particularly inflammation such as psoriasis,
XX arteriosclerosis, bacterial or viral infections (particularly meningitis
XX and pneumonia), multiple sclerosis, rheumatoid arthritis, asthma,
XX sarcoidosis, glomerulonephritis and osteoarthritis, and also Alzheimer's
XX and Parkinson's diseases. The present sequence is a PCR primer used to
XX isolate a coding sequence of the invention
XX
SQ Sequence 39 BP, 3 A, 11 C, 16 G, 9 T, 0 U, 0 Other;
Query Match 0.7%; Score 39; DB 1; Length 39;
Best Local Similarity 100.0%; Pred. No. 0.28; 0; Indels 0; Gaps 0;
Matches 39; Conservative 0; Mismatches 0;

QY 523 ATGGCTGGCGAGCCTGGGGCGCGCTGGCTGTACTTG 561
DB 1 ATGGCTGGCGAGCCTGGGGCGCGCTGGCTGTACTTG 39

RESULT 7
ACC45146
ID ACC45146 standard; DNA, 33 BP.
XX
XX ACC45146;
XX
XX 16-UTN-2003 (first entry)
XX
XX Human NAC probe SEQ ID NO:6.
XX
XX Human; cytotoxic; neurotropic; antiinflammatory;
XX antiartherosclerotic; antiparasitic; antibacterial;
XX death effector filament-forming CED4-like apoptosis protein;
XX neurotropic; Alzheimer's disease; infection; inflammation; tumour formation;
XX chromosome 17p13; probe; ss.
XX
XX Homo sapiens.
XX Synthetic.
XX
XX WO2003024988-A1.
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002, 2002WO-US029664.
XX
XX 19-SEP-2001, 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freiler SM;
XX WPI, 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
XX
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```
PT for treating a disease or condition associated with the expression of
XX NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Example 13, Page 73, 147pp; English.
XX
XX The present invention describes a compound (1) 8-50 nucleobases in length
XX targeted to a nucleic acid molecule encoding NAC, where the compound
XX specifically hybridises with the nucleic acid molecule encoding NAC and
XX inhibits the expression of NAC. The compound specifically hybridises with
XX at least an 8-nucleobase portion of an active site on a nucleic acid
XX molecule encoding NAC. Also described: (1) a composition comprising (1)
XX and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
XX NAC in cells or tissues comprising contacting the cells or tissues with
XX (1); and (3) treating an animal having a disease or condition associated
XX with NAC comprising administering (1) to the animal so that expression of
XX NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
XX antiinflammatory activities, and can be used in antisense therapy. The
XX antisense compounds (1) are useful for modulating the expression of
XX NAC, e.g. hyperproliferative disease, neurological disease, or a disease
XX or disorder arising from aberrant apoptosis. The compounds are also
XX useful as research reagents and kits, or for diagnostics, therapeutics
XX and prophylaxis, e.g. to prevent or delay infection, inflammation or
XX tumour formation. NAC is also known as a death effector filament-forming
XX CED4-like apoptosis protein (DERCAP). NAC is located on human chromosome
XX 17p13. The present sequence represents a probe for human NAC, which is
XX used in an example from the present invention
XX
SQ Sequence 33 BP, 10 A, 10 C, 6 G, 7 T, 0 U, 0 Other;
Query Match 0.6%; Score 33; DB 1; Length 33;
Best Local Similarity 100.0%; Pred. No. 2.2;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1486 CTGGATACCCAGAGACCTGGACATGTCATCTG 1518
DB 1 CTGGATACCCAGAGACCTGGACATGTCATCTG 33

RESULT 8
AAL47122/c
ID AAL47122 standard; DNA, 30 BP.
XX
XX AAL47122;
XX
XX 20-AUG-2002 (first entry)
XX
XX Pyrin domain containing protein coding sequence PCR primer JTI500.
XX
XX Pyrin domain; PYD domain; antiinflammatory; antiapoptotic;
XX antiartherosclerotic; antiparasitic; antibacterial; vituicide;
XX neuroprotective; antiarthritis; antirheumatic; antiasthmatic;
XX nephrotropic; osteopathic; neurotropic; intracellular signal transduction;
XX inflammation; Alzheimer's disease; infection; psoriasis; asthma;
XX arteriosclerosis; multiple sclerosis; rheumatoid arthritis; sarcoidosis;
XX osteoarthritis; glomerulonephritis; PCR; primer; ss.
XX
XX Unidentified.
XX
XX WO200240668-A2.
XX
XX 23-MAY-2002.
XX
XX 30-OCT-2001, 2001WO-EP012545.
XX
XX 15-NOV-2000, 2000DB-01056687.
XX
XX 30-NOV-2000, 2000DB-01059595.
XX
XX (APOT-) APOTEC RES & DEV LTD.
XX
XX Tschoopp J, Martinon F;
XX WPI, 2002-427093/45.
XX
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```
XX New DNA encoding protein with pyrin domain, useful for treating diseases
PT involving impaired signal transduction, particularly inflammation, also
PT proteins and antibodies.
XX Example; Page 49; 116pp; German.
XX The present invention relates the DNA and their encoded proteins, where
CC the proteins contain at least one PYD (pyrin) domain. These can be used
CC to treat diseases associated with impaired intracellular signal
CC transduction, particularly inflammation such as psoriasis,
CC arteriosclerosis, bacterial or viral infections (particularly meningitis
CC and pneumonia), multiple sclerosis, rheumatoid arthritis, asthma,
CC sarcoidosis, glomerulonephritis and osteoarthritis, and also Alzheimer's
CC and Parkinson's diseases. The present sequence is a PCR primer used to
CC isolate a coding sequence of the invention
XX
SQ Sequence 30 BP; 6 A; 5 C; 11 G; 8 T; 0 U; 0 Other;
Query Match 0.6%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 6.3;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
OY 4792 CTCCTGCCACTCAGCGCTGAAGTATCAAC 4821
DB 30 CTCCTGCCACTCAGCGCTGAAGTATCAAC 1
RESULT 9
AAZ45963
ID AAZ45963 standard; RNA; 32 BP.
AC AAZ45963;
XX
XX 25-APR-2000 (first entry)
DE Nucleotide sequence of a general hammerhead ribozyme substrate.
XX
XX Ribozyme; presenilin 2; presenilinase; presenilin 1; neuronal cell death;
XX amyloid beta deposition; amyloid plaque; autophenotypic cleavage;
XX gamma-secretase; neurodegenerative disease; Alzheimer's disease;
XX familial Alzheimer's disease; ss.
XX Synthetic.
XX OS
XX Key Location/Qualifiers
XX FH misc_binding 3..13
XX FT /tag= a
XX FT /note= "these nucleotides bind to nucleotides 35-45 of
XX FT the ribozyme given in AAZ45964"
XX FT 15..26
XX FT /tag= b
XX FT /note= "these nucleotides bind to nucleotides 1-12 of the
XX FT ribozyme given in AAZ45964"
XX FT
XX PN WO200003004-A2.
XX
XX 20-JAN-2000.
XX
XX 08-JUL-1999; 99WO-EP004804.
XX
XX 09-JUL-1998; 98EP-00112653.
XX 25-MAR-1999; 99US-0126200P.
XX
XX (BOEH ) BOEHRINGER INGELHEIM PHARMA KG.
XX
XX Fechteler K, Mendla K, Sauer N;
XX
XX WPI; 2000-147613/13.
XX
XX New agents capable of inhibiting presenilin expression useful for
PT treating neurodegenerative diseases especially familial Alzheimer's
PT disease.
```

```
XX Disclosure; Fig 1a; 68pp; English.
XX
XX AAZ45963 and AAZ45964 represent a general substrate and hammerhead
CC ribozyme, respectively. The specification describes presenilin 2
CC ribozymes (see AAZ45937-59). The ribozymes are used to inhibit presenilin
CC 2 expression by cleaving presenilin 2 mRNA. The specification also
CC describes fusion ribozymes (see AAZ45949-57), comprising a presenilin 2-
CC specific ribozyme and an autocatalytic hammerhead ribozyme. The use of
CC ribozymes selectively inhibits translation of presenilin gene, rather
CC than irreversibly damaging or eliminating the target gene. Structurally
CC modified ribozymes also have increased resistance to nucleases, increased
CC retention time and high efficiency at target site. By reducing the amount
CC of presenilin, the ribozyme prevents neuronal cell death and reduces the
CC deposition of amyloid beta and formation of amyloid plaques. The
CC ribozymes are useful in treating neurodegenerative disease such as
CC Alzheimer's disease especially familial Alzheimer's disease
XX
XX Sequence 32 BP; 8 A; 3 C; 7 G; 0 T; 13 U; 1 Other;
Query Match 0.5%; Score 25.2; DB 1; Length 32;
Best Local Similarity 48.4%; Pred. No. 35;
Matches 15; Conservative 12; Mismatches 4; Indels 0; Gaps 0;
OY 5297 AGTATCAGCGCTCTTTAGAAATTTGCTTAGC 5327
DB 2 AGUGUACAGGUGUUUUGAUAUUGUCUAGC 32
RESULT 10
AAZ45800
ID AAZ45800 standard; RNA; 32 BP.
AC AAZ45800;
XX
XX 25-APR-2000 (first entry)
DE Nucleotide sequence of a general hammerhead ribozyme substrate.
XX
XX Ribozyme; presenilin 2; presenilinase; presenilin 1; neuronal cell death;
XX amyloid beta deposition; amyloid plaque; autophenotypic cleavage;
XX gamma-secretase; neurodegenerative disease; Alzheimer's disease;
XX familial Alzheimer's disease; ss.
XX Synthetic.
XX OS
XX Key Location/Qualifiers
XX FH misc_binding 3..13
XX FT /tag= a
XX FT /note= "these nucleotides bind to nucleotides 35-45 of
XX FT the ribozyme given in AAZ45801"
XX FT 15..26
XX FT /tag= b
XX FT /note= "these nucleotides bind to nucleotides 1-12 of the
XX FT ribozyme given in AAZ45801"
XX FT
XX PN WO200003248-A1.
XX
XX 20-JAN-2000.
XX
XX 08-JUL-1999; 99WO-EP004805.
XX
XX 09-JUL-1998; 98EP-00112688.
XX
XX (BOEH ) BOEHRINGER INGELHEIM PHARMA KG.
XX
XX Fechteler K, Haas C, Steiner H;
XX
XX WPI; 2000-147662/13.
XX
XX Identifying presenilin inhibitors useful for treating neurodegenerative
PT diseases such as familial Alzheimer's disease, comprises measuring full
PT length presenilin in cells.
```



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XX XX Disclosure; Fig 1a; 91pp; English.
PS CC
XX CC AA24800 and AA245801 represent a general substrate and hammerhead
CC ribozyme, respectively. The specification describes presentin 2
CC ribozymes (see AA245776-96). The ribozymes are used in a method for
CC reducing or eliminating presentinase activity by reducing or eliminating
CC the presentinase substrate (presentin) at the RNA level. The
CC specification also describes a method of identifying a substance (e.g. a
CC ribozyme) capable of reducing or eliminating the activity of
CC presentinase, which comprises incubating a test substance with a cell
CC expressing a reporter and full length presentin 1 or 2, and measuring
CC the quantity of presentin fused to the reporter, and comparing this to a
CC control. By reducing the amount of presentin fragments, the substance
CC prevents neuronal cell death and reduces the deposition of amyloid beta
CC and formation of amyloid plaques. In addition the substance reduces or
CC eliminates the autophoretolytic cleavage of presentin or the activity
CC of gamma-secretase and prevents cleavage of presentin 1 and 2 into
CC endoproteolytic cleavage fragments. The method is useful for identifying
CC substances capable of reducing or eliminating presentinase activity,
CC especially familial Alzheimer's disease
CC
XX SQ Sequence 32 BP; 8 A; 3 C; 7 G; 0 T; 13 U; 1 Other;
XX
XX Query Match 0.5%; Score 25.2; DB 1; Length 32;
XX Best Local Similarity 48.4%; Pred. No. 35;
XX Matches 15; Conservative 12; Mismatches 4; Indels 0; Gaps 0;
XX
QY 5297 AGATACAGACTCTTTAGATTGTCTAGC 5327
DB 2 AGUGUACAGGUNUUNUAGAUNUUGUCUAC 32
XX
XX RESULT 11
XX ADP12384/c
XX ID ADP12384 standard; DNA; 25 BP.
XX AC ADP12384;
XX XX
XX DT 12-AUG-2004 (first entry)
XX XX
XX DE Tagman probe set 2 #242.
XX XX
XX KW transplamt rejection; immune system; rheumatoid arthritis; lupus;
XX inflammatory bowel disease; multiple sclerosis; HIV; AIDS; ss; probe.
XX OS Homo sapiens.
XX PN WO2004042346-A2.
XX PD 21-MAY-2004.
XX PF 24-APR-2003; 2003WO-US012946.
XX PR 24-APR-2002; 2002US-00131831.
XX PR 20-DEC-2002; 2002US-00325899.
XX PA (EXPR-) EXPRESSION DIAGNOSTICS INC.
XX XX
XX PI Mohnemuth J, Fry K, Woodward R, Ly N, Prentice J, Morris M;
XX PI Rosenberg S;
XX XX
XX DR WPI; 2004-400724/37.
XX XX
XX PT Diagnosing or monitoring transplant rejection, e.g. heart, kidney, liver,
XX pancreas, pancreatic islet, lung, bone marrow or stem cell transplant
XX rejection, in an individual, comprises detecting the expression level of
XX the genes.
XX PS Claim 58; SEQ ID NO 2393; 1762pp; English.
XX XX

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CC CC The present invention relates to diagnosing or monitoring transplant
CC rejection, e.g. cardiac or kidney transplant rejection, in an individual
CC comprising detecting the expression level of one or more genes. The
CC methods, system and kits are useful in diagnosing or monitoring
CC transplant rejection, e.g. heart, kidney, liver, pancreas, pancreatic
CC islet, lung, bone marrow or stem cell transplant rejection,
CC xenotransplant rejection or mechanical organ replacement rejection, in an
CC individual. The method is also useful in assessing the immune status of
CC an individual. The methods are also useful in diagnosing and monitoring
CC diseases that involve the immune system, e.g. rheumatoid arthritis,
CC lupus, inflammatory bowel disease, multiple sclerosis, HIV/AIDS or
CC viral, bacterial or fungal infection. The present sequence represents a
CC probe for a 50 mer oligonucleotide marker for diagnosis and monitoring of
CC allograft rejection and other disorders.
XX
XX SQ Sequence 25 BP; 10 A; 8 C; 6 G; 1 T; 0 U; 0 Other;
XX
XX Query Match 0.5%; Score 25; DB 1; Length 25;
XX Best Local Similarity 100.0%; Pred. No. 35;
XX Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 4845 TGACCTTGACCTGACCTCTTGGG 4869
DB 25 TGACCTTGACCTGACCTCTTGGG 1
XX
XX RESULT 12
XX AAF29153/c
XX ID AAF29153 standard; DNA; 33 BP.
XX AC AAF29153;
XX XX
XX DT 04-APR-2001 (first entry)
XX XX
XX DE PCR primer SEQ ID 24 used to amplify SRSV specific cDNA.
XX XX
XX KW Small round structured virus; SRSV; food poisoning; PCR primer; ss.
XX XX
XX OS Small round structured virus.
XX PN WO200079280-A1.
XX PD 28-DEC-2000.
XX PF 22-JUN-2000; 2000WO-JP004095.
XX PR 22-JUN-1999; 99JP-00175928.
XX PA (NINA-) JAPAN NAT INST INFECTIOUS DISEASES.
XX PA (DENK-) DENKA SEIKEN KK.
XX PI Takeda N, Natori K, Miyamura T, Kamata K, Sato T, Sato S;
XX PI WPI; 2001-080848/09.
XX DR
XX XX
XX PT Kit for the detection and typing of small round-structured virus (SRSV)
XX PT strains for investigation of food poisoning outbreaks, contains
XX PT antibodies.
XX XX
XX PS Example 1; Page 75; 84pp; Japanese.
XX XX
XX CC This invention relates to a kit for the detection and typing of small
XX CC round structured virus (SRSV) strains. The kit contains antibodies
XX CC directed against peptides represented in sequences AAB49700 - AAB49710,
XX CC which are each SRSV strain specific. Polynucleotide sequences AAF20141 -
XX CC AAF20151 represent cDNA encoding the strain specific proteins. The kit is
XX CC used for detecting and typing strains of SRSV in order to prevent the
XX CC spread of infection and to examine the epidemiology of outbreaks. PCR
XX CC primers AAF29152 - AAF29163 are used to amplify SRSV strain specific cDNA
XX CC sequences
XX SQ Sequence 33 BP; 0 A; 0 C; 0 G; 33 T; 0 U; 0 Other;
XX XX

```

Query Match 0.4%; Score 23.4; DB 1; Length 33;
Best Local Similarity 81.8%; Pred. No. 66;
Matches 27; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAAAAATGAAATTA 5425
DB 33 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 13
ACCA5144
ID ACCA5144 standard; DNA; 23 BP.
XX
ACCA5144;
XX

DT 16-JUN-2003 (first entry)
XX

DE Human NAC forward PCR primer SEQ ID NO:4.
XX

KW Human; cytosolic; neurotrophic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DEPCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CED4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW chromosome 17p13; PCR primer; ss.

OS Homo sapiens.
XX
OS Synthetic.
XX

PN WO2003024988-A1.
XX

PD 27-MAR-2003.
XX

PF 19-SEP-2002; 2002WO-US029664.
XX

PR 19-SEP-2001; 2001US-00956712.
XX

PA (ISIS-) ISIS PHARM INC.
XX

PI Bennett CF, Freter SM;
XX

DR WPI; 2003-354583/33.
XX

PT New antisense compounds, useful for modulating the expression of NAC or
PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.
XX

PS Example 13; Page 73; 147pp; English.
XX

CC The present invention describes a compound (1) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridizes with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridizes with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (1)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (1) to the animal so that expression of
CC NAC is inhibited. (1) has cytosolic, neurotrophic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (1) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEPCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a PCR primer for human NAC, which
CC is used in an example from the present invention
XX

Sequence 23 BP; 7 A; 2 C; 9 G; 5 T; 0 U; 0 Other;

Query Match 0.4%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 69;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1432 GTGAGAGAAATCGAGACATT 1454
DB 1 GTGAGAGAAATCGAGACATT 23

RESULT 14
ACF04897/C
ID ACF04897 standard; DNA; 32 BP.
XX
ACF04897;
XX

DT 12-FEB-2004 (first entry)
XX

DE Human beta-actin gene PCR primer #2.
XX

KW Human; urine sample analysis; kidney disease; glomerulonephritis;
KW nephrotic syndrome; diabetes; lupus; hypertension; beta-actin;
KW acute tubular necrosis; renal cancer; PCR; primer; ss.

OS Homo sapiens.
XX

PN WO2003082202-A2.
XX

PD 09-OCT-2003.
XX

PF 27-MAR-2003; 2003WO-US009389.
XX

PR 28-MAR-2002; 2002US-00108969.
XX

PA (UNMI) UNIV MICHIGAN.
XX

PI Kurnit DM;
XX

DR WPI; 2003-833515/77.
XX

PT Detecting or diagnosing a kidney disease, e.g. renal cancer or
PT glomerulonephritis, comprises determining the presence of expression of a
PT podocyte gene for nephrin or proximal tubular cell gene for Indian
PT hedgehog in a urine sample.
XX

PS Claim 39; Page 24; 0pp; English.
XX

CC The present invention relates to a method of detecting a kidney disease,
CC which comprises screening a mammalian urine sample for expression of a
CC specific gene that is present in the urine sample only when cells
CC indicating kidney disease are present, where the concentration of
CC detectable albumin in the urine sample has a range of 0-30 mg/dl. The
CC method is useful for detecting or diagnosing a kidney disease or
CC disorders associated with e.g. glomerulonephritis, nephritic syndrome,
CC diabetes, lupus, hypertension, acute tubular necrosis, renal obstructive
CC disorders, renal cancer, and other diseases or symptoms. The podocyte
CC gene for nephrin or the proximal tubular cell gene for Indian hedgehog is
CC useful as selectable markers for a kidney disease. The present sequence
CC is a PCR primer used to detect the human beta-actin gene
XX

Sequence 32 BP; 2 A; 0 C; 1 G; 29 T; 0 U; 0 Other;

Query Match 0.4%; Score 23; DB 1; Length 32;
Best Local Similarity 83.9%; Pred. No. 75;
Matches 26; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5391 TTTAAAAATCAAAAAAGAAAAATGAAA 5421
DB 31 TTTAAAAATCAAAAAAGAAAAATGAAA 1

RESULT 15
AD081070/C
ID AD081070 standard; DNA; 31 BP.

```

XX AC ADO81070;
XX XX
XX DT 29-JUL-2004 (first entry)
XX XX
XX DE Cow prion protein microsatellite locus primer #82.
XX XX
XX KM Gene typing; polymorphic microsatellite loci; PMU;
XX KM disease predisposition; microsatellite marker; prion disease;
XX KM cystic fibrosis; malignant hyperthermia syndrome; metabolic disease;
XX KM milk protein; hormone; transcription factor; pT7-blue-vector; cow;
XX KM microsatellite; PCR; primer; ss.
XX OS
XX OS Bos taurus.
XX PN DE10236711-A1.
XX PD
XX PD 26-FEB-2004.
XX PF 09-AUG-2002; 2002DE-01036711.
XX PF 09-AUG-2002; 2002DE-01036711.
XX PR
XX PR (UYHO-) UNIV HOHENHEIM.
XX PA
XX PA Geldermann H, Preuss S, Han Y;
XX PI WPI, 2004-215730/21.
XX XX
XX XX Typing genes that contain polymorphic microsatellite loci, useful for
XX PT identifying predisposition to disease, by amplification and determining
XX PT length of amplicons.
XX PS Example 3; Page 28; 64pp; German.
XX XX
XX CC The invention describes a method of typing (M1) a gene (I) that has one
XX CC or more polymorphic microsatellite loci (PMU). The method comprises: PCR
XX CC amplification of at least one DNA region of (I) that includes PMU, using
XX CC as template a DNA sample containing at least one segment of (I); and
XX CC determining the length of the resulting amplicon(s). Also described are:
XX CC a method of determining (M2) microsatellite markers (MM) for
XX CC predisposition to a disease, associated with a gene that includes one or
XX CC more PMU, and prediagnosis (M3) of diseases associated with gene that
XX CC include PMU. The method is used to identify microsatellite markers, in a
XX CC disease-related gene, that are associated with a predisposition to
XX CC diseases and for prediagnosis of such diseases, especially prion diseases
XX CC but also cystic fibrosis, malignant hyperthermia syndrome in pigs and
XX CC metabolic diseases; also to type genes that encode milk proteins,
XX CC hormones or transcription factors. The method is simpler, quicker and
XX CC particularly less expensive than known methods based on sequencing. This
XX CC sequence represents a primer used to genotype a region of the cow prion
XX CC protein (Prp) comprising a polymorphic microsatellite locus.
XX SQ Sequence 31 BP; 0 A; 3 C; 0 G; 28 T; 0 U; 0 Other;
XX
XX Query Match 0.4%; Score 22.6; DB 1; Length 31;
XX Best Local Similarity 86.2%; Pred. No. 85;
XX Matches 25; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
XX
QY 5393 AAAAAAAAAAAGAAAAAATGAAAA 5421
DB 30 AAAAAAAAAAAAAAAAAAGAAAAA 2

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```

DE Sequence of scissile link probe MRC068 (HL).
XX XX
XX KM Hybridisation; probe; ss.
XX XX
XX OS Synthetic.
XX PN BP227976-A.
XX PD
XX PD 08-JUL-1987.
XX PF
XX PF 04-DEC-1986; 86BP-00116906.
XX PR
XX PR 05-DEC-1985; 85US-00805279.
XX XX
XX PA (MEIO-) MEIOGENICS INC.
XX PI
XX PI Duck P, Bender R, Crosby W, Robertson JG;
XX DR WPI, 1987-186567/27.
XX XX
XX PT Synthetic nucleic acid probes - comprising two nucleic acid sequences
XX PT linked by a scissile linkage.
XX PS Example; p29; 46pp; English.
XX XX
XX CC The patent claims a new molecule of formula (NA1)----S----(NA2)n. NA1 and
XX CC NA2 are noncomplementary nucleic acid sequences; ----S---- = a scissile
XX CC linkage; n= 1 or 1,000, which is used for the detection of specific DNA
XX CC or RNA sequences in a test soln. The scissile link probes may be PL
XX CC (Permanent Linkage to Solid Support) or HL (Hydrolysable Linkage to Solid
XX CC Support). The differential liability of DNA and RNA may be exploited in a
XX CC heterogeneous system when the scissile linkage is an RNA molecule. In the
XX CC examples, counter probe molecules 9 through 16 were used to determine
XX CC suitable hybridisation conditions. (Updated on 03-OCT-2002 to add missing
XX CC OS field.)
XX SQ Sequence 32 BP; 0 A; 0 C; 0 G; 24 T; 8 U; 0 Other;
XX
XX Query Match 0.4%; Score 22.4; DB 1; Length 32;
XX Best Local Similarity 81.2%; Pred. No. 92;
XX Matches 26; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
XX
QY 5393 AAAAAAAAAAAGAAAAAATGAAAAA 5424
DB 32 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

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```

RESULT 17
ID AAN92244/c
XX AAN92244;
XX AC
XX DT 25-MAR-2003 (revised)
XX DT 31-OCT-2002 (revised)
XX DT 25-APR-1990 (first entry)
XX DE SS probe MRC068.
XX KM Probe MRC068; solid support; ribonuclease.
XX XX
XX OS Synthetic.
XX FH
XX FH Key Location/Qualifiers
XX FT misc_feature 1..14
XX FT /tag= a
XX FT /notes= "deoxyribonucleotides."
XX FT 15..22
XX FT /tag= b
XX FT /notes= "ribonucleotides."
XX FT 23..32
XX FT /tag= c
XX FT /notes= "deoxyribonucleotides."

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```
XX XX W08910415-A.
PN XX
PD XX 02-NOV-1989.
XX XX
PF 29-APR-1988; 88US-00187814.
XX XX
PR 29-APR-1988; 88US-00187814.
XX XX
PA (MEIO-) MEIOGENICS INC.
XX XX
PI Duck P, Bender R;
XX XX WPI; 1989-339977/46.
DR XX
XX XX
PT Detecting target nucleic acid molecules - using excess complementary
PT nucleic acid probes and nicking to complete a cycling sequence.
XX XX
PS Disclosure; Page 24; 34pp; English.
XX XX
CC Probe MKC068 is bound by a hydrolyzable linkage to a solid support at its
CC 3' end. It is used by reacting excess probe with a target nucleic acid;
CC nicking hybridised probe at least once within a predetermined sequence to
CC form 2 or more probe fragments hybridised to the target sequence, which
CC results in the probe fragments becoming hybridised to another probe; and
CC identifying probe fragments, so detecting the target sequence. The probe
CC can react with target sequence to complete a cycling sequence. Using this
CC system, sensitivity of 10 exp. -19 to 10 exp. -20 molecules of target can
CC be obtd. The probe is cleavable at the ribonucleotides by a ds RNase, eg
CC RNase H or ExoIII. (Updated on 31-OCT-2003 to add missing OS field.)
CC RNase H or ExoIII. (Updated on 31-OCT-2003 to add missing OS field.)
CC (Updated on 25-MAR-2003 to correct PR field.)
XX XX
SQ Sequence 32 BP; 0 A; 0 C; 0 G; 24 T; 8 U; 0 Other;
XX XX
Query Match 0.4%; Score 22.4; DB 1; Length 32;
Best Local Similarity 81.2%; Pred. No. 92;
Matches 26; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
XX XX
QY 5393 AAAAAAAAAAGAAAAATGAAATTA 5424
Db 32 AAAAAAAAAAAAAAAAAAAAAAAAAA 1
XX XX
RESULT 18
ADCC3445/c
ID ADCC3445 standard; DNA; 32 BP.
XX XX
AC ADCC3445;
XX XX
DT 18-DEC-2003 (first entry)
XX XX
DE Template oligonucleotide #SEQ ID 2.
XX XX
KW Binding; tandem repeat; label; analyte detection; ss.
XX XX
OS Synthetic.
XX XX
PN W02003072721-A2.
XX XX
PD 04-SEP-2003.
XX XX
PF 20-FEB-2003; 2003WO-US005301.
XX XX
PR 21-FEB-2002; 2002US-0359223P.
XX XX 08-MAY-2002; 2002US-0379360P.
XX XX
PA (DISC-) DISCOVERX INC.
XX XX
PI Wu M, Ullman E;
XX XX WPI; 2003-712717/67.
XX XX
PT Detecting a label comprising employing (as the label) a reagent having a
```

```
PT 3' extendable terminus hybridized to a tandem repeat template in
PT combination with a DNA polymerase and dNTPs necessary for repetitively
PT replicating the tandem repeat.
XX XX
PS Example; SEQ ID NO 2; 38pp; English.
XX XX
CC The invention relates to a method for detecting a label, comprising
CC employing (as the label) a reagent having a 3' extendable terminus
CC hybridised to a tandem repeat template in combination with a DNA
CC polymerase and dNTPs necessary for repetitively replicating the tandem
CC repeat. The method involves detecting a binding event between first and
CC second binding members, employing a label to determine the occurrence of
CC the binding event. The tandem repeating units are polyT. The method of
CC the invention is useful in detecting an analyte using repetitive
CC extension along a tandem repeat. The extended nucleic acid may be used
CC for detecting a moiety, particularly involved in a binding event
CC employing a reagent. The current sequence represents a template member
CC oligonucleotide containing a polyT tandem repeat that binds to the
CC extendable oligonucleotide given in ADCC3444.
XX XX
SQ Sequence 32 BP; 0 A; 0 C; 0 G; 32 T; 0 U; 0 Other;
XX XX
Query Match 0.4%; Score 22.4; DB 1; Length 32;
Best Local Similarity 81.2%; Pred. No. 92;
Matches 26; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
XX XX
QY 5393 AAAAAAAAAAGAAAAATGAAATTA 5424
Db 32 AAAAAAAAAAAAAAAAAAAAAAAAAA 1
XX XX
RESULT 19
ACC45145/c
ID ACC45145 standard; DNA; 22 BP.
XX XX
AC ACC45145;
XX XX
DT 16-JUN-2003 (first entry)
XX XX
DE Human NAC reverse PCR primer SEQ ID NO:5.
XX XX
KW Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DERCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CED4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW chromosome 17p13; PCR primer; ss.
XX XX
OS Homo sapiens.
XX XX
OS Synthetic.
XX XX
PN W02003024988-A1.
XX XX
PD 27-MAR-2003.
XX XX
PF 19-SEP-2002; 2002WO-US029664.
XX XX
PR 19-SEP-2001; 2001US-00956712.
XX XX
PA (ISIS-) ISIS PHARM INC.
XX XX
PI Bennett CF, Freiler SM;
XX XX WPI; 2003-354583/33.
XX XX
DR WPI; 2003-354583/33.
XX XX
PT New antisense compounds, useful for modulating the expression of NAC or
PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.
XX XX
PS Example 13; Page 73; 147pp; English.
XX XX
CC The present invention describes a compound (I) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridises with the nucleic acid molecule encoding NAC and
```

CC inhibits the expression of NAC. The compound specifically hybridises with
 CC at least an 8-nucleobase portion of an active site on a nucleic acid
 CC molecule encoding NAC. Also described: (1) a composition comprising (1)
 CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
 CC NAC in cells or tissues comprising contacting the cells or tissues with
 CC (1); and (3) treating an animal having a disease or condition associated
 CC with NAC comprising administering (1) to the animal so that expression of
 CC NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
 CC antiinflammatory activities, and can be used in antisense therapy. The
 CC antisense compounds (1) are useful for modulating the expression of NAC,
 CC and for treating a disease or condition associated with expression of
 CC NAC, e.g., hyperproliferative disease, neurological disease, or a disease
 CC or disorder arising from aberrant apoptosis. The compounds are also
 CC useful as research reagents and kits, or for diagnostics, therapeutics
 CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
 CC tumour formation. NAC is also known as a death effector filament-forming
 CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
 CC 17p13. The present sequence represents a PCR primer for human NAC, which
 CC is used in an example from the present invention
 CC

SO Sequence 22 BP; 4 A; 8 C; 3 G; 7 T; 0 U; 0 Other;

Query Match 0.4%; Score 22; DB 1; Length 22;
 Best Local Similarity 100.0%; Pred. No. 97;
 Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1531 GGAAATGGGAAGTCACACCTGG 1552

DB 22 GGAAATGGGAAGTCACACCTGG 1

RESULT 20

AD002769/C
 ID AAD02769 standard; DNA; 30 BP.

AC AAD02769;

DT 31-MAY-2001 (first entry)

DE Human NAC cDNA amplifying reverse set 2 primer.

XX Human; NB domain; nucleotide binding domain; NB-ARC and CARD; NAC;
 XX caspase-associated recruitment domain; CARD; TIM-Barrel-like domain;
 XX cysteine aspartyl protease; apoptosis; cytokine production;
 XX cytokine receptor signalling; therapy; inflammatory disorder; sepsis;
 XX fibrosis; arthritis; cancer; adenocarcinoma; leukaemia; primer; ss.

OS Homo sapiens.

PN WO200116170-A2.

PD 08-MAR-2001.

PF 01-SEP-2000; 2000MO-US024152.

PR 01-SEP-1999; 99US-00388221.

PA (BURN-) BURHAM INST.

PI Reed JC;

DR WPI; 2001-183258/18.

XX Novel nucleic acid encoding NB-ARC and caspase associated recruitment
 PT domain, used to produce polypeptides for screening for modulators of
 PT apoptosis.

PS Example 1; Page 86; 184pp; English.

XX The present sequence is a reverse set 2 primer used for amplifying human
 CC NB-ARC and CARD containing protein (NAC) cDNA. NAC beta isoform
 CC represents the NAC splice variant in which both the splice regions are
 CC present in the translated polypeptide. NAC protein comprises a nucleotide

CC binding (NB) domain (also referred as NB-ARC domain), a caspase-
 CC associated recruitment domain (CARD) and a TIM-Barrel-like domain. The
 CC caspases, cysteine aspartyl proteases, are principal effectors of
 CC apoptosis. CARD containing NAC proteins are used for screening modulators
 CC that modulates apoptosis; cytokine production; cytokine receptor
 CC signalling and other cellular processes. NAC can act as an immunogen for
 CC the production of polyclonal and monoclonal antibodies. It can also be
 CC used to diagnose and treat inflammatory disorders such as sepsis,
 CC fibrosis and arthritis and cancer pathologies such as adenocarcinomas and
 CC leukemias

SO Sequence 30 BP; 10 A; 10 C; 4 G; 6 T; 0 U; 0 Other;

Query Match 0.4%; Score 22; DB 1; Length 30;
 Best Local Similarity 100.0%; Pred. No. 1e+02;
 Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3891 GACCGTTGAGATTGAATTCGT 3912

DB 30 GACCGTTGAGATTGAATTCGT 9

RESULT 21

AD002768
 ID AAD02768 standard; DNA; 31 BP.

AC AAD02768;

DT 31-MAY-2001 (first entry)

DE Human NAC cDNA amplifying forward set 2 primer.

XX Human; NB domain; nucleotide binding domain; NB-ARC and CARD; NAC;
 XX caspase-associated recruitment domain; CARD; TIM-Barrel-like domain;
 XX cysteine aspartyl protease; apoptosis; cytokine production;
 XX cytokine receptor signalling; therapy; inflammatory disorder; sepsis;
 XX fibrosis; arthritis; cancer; adenocarcinoma; leukaemia; primer; ss.

OS Homo sapiens.

PN WO200116170-A2.

PD 08-MAR-2001.

PF 01-SEP-2000; 2000MO-US024152.

PR 01-SEP-1999; 99US-00388221.

PA (BURN-) BURHAM INST.

PI Reed JC;

DR WPI; 2001-183258/18.

XX Novel nucleic acid encoding NB-ARC and caspase associated recruitment
 PT domain, used to produce polypeptides for screening for modulators of
 PT apoptosis.

PS Example 1; Page 86; 184pp; English.

XX The present sequence is a forward set 2 primer used for amplifying human
 CC NB-ARC and CARD containing protein (NAC) cDNA. NAC beta isoform
 CC represents the NAC splice variant in which both the splice regions are
 CC present in the translated polypeptide. NAC protein comprises a nucleotide
 CC binding (NB) domain (also referred as NB-ARC domain), a caspase-
 CC associated recruitment domain (CARD) and a TIM-Barrel-like domain. The
 CC caspases, cysteine aspartyl proteases, are principal effectors of
 CC apoptosis. CARD containing NAC proteins are used for screening modulators
 CC that modulates apoptosis; cytokine production; cytokine receptor
 CC signalling and other cellular processes. NAC can act as an immunogen for
 CC the production of polyclonal and monoclonal antibodies. It can also be
 CC used to diagnose and treat inflammatory disorders such as sepsis,
 CC fibrosis and arthritis and cancer pathologies such as adenocarcinomas and

CC leukemias
XX Sequence 31 BP; 8 A; 11 C; 5 G; 7 T; 0 U; 0 Other;
SQ

Query Match 0.4%; Score 22; DB 1; Length 31;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1498 GAACCTGGCATAGTCATCTGC 1519
DB 10 GAACCTGGCATAGTCATCTGC 31

RESULT 22
ABZ03219/C
ID ABZ03219 standard; DNA; 50 BP.
XX
AC ABZ03219;
XX
DT 09-JAN-2003 (first entry)
XX
DE Human leukocyte gene expression profiling probe SRQ ID NO 3210.
KM T7; leukocyte; gene expression profiling; allograft rejection;
KW atherosclerosis; congestive heart failure; systemic lupus erythematosus;
KM rheumatoid arthritis; osteoarthritis; cytomegalovirus; infection; probe;
XX ss.
XX
OS Homo sapiens.
XX
FN W0200257414-A2.
XX
PD 25-JUL-2002.
XX
PF 22-OCT-2001; 2001WO-US047856.
XX
PR 20-OCT-2000; 2000US-0241994P.
PR 08-JUN-2001; 2001US-0296764P.
XX
PA (BIOC-) BIOCARDIA INC.
XX
PI Wohlgemuth J, Fry K, Marcuk G, Altman P, Prentice J, Phillips J;
PI Ly N, Woodward R, Quertemous T, Johnson F;
XX
DR WPI; 2002-636525/68.
XX
PT New system for leukocyte expression profiling, diagnosing a disease, or
PT monitoring (the rate of) progression of a disease, e.g. atherosclerosis
PT or congestive heart failure, comprises diagnostic oligonucleotides.
XX
PS
PS
PS Claim 1; Page 430; 0pp; English.
XX
XX The invention relates to a system for detecting gene expression, which
CC comprises one or two isolated DNA molecules that detect expression of a
CC gene, where the gene corresponds to any of 8143 oligonucleotides
CC (ABZ00010-ABZ08152) each having 50 base pairs (bp). The system is useful
CC for leukocyte expression profiling. It is particularly useful for
CC diagnosing a disease, monitoring (rate of) progression of a disease,
CC predicting a therapeutic outcome, determining prognosis for a patient,
CC predicting disease complications in an individual or monitoring response
CC to treatment in an individual. The diseases include cardiac allograft
CC rejection, kidney allograft rejection, liver allograft rejection,
CC atherosclerosis, congestive heart failure, systemic lupus erythematosus,
CC rheumatoid arthritis, osteoarthritis or cytomegalovirus infection
XX
SQ Sequence 50 BP; 9 A; 11 C; 20 G; 10 T; 0 U; 0 Other;
XX

Query Match 0.4%; Score 22; DB 1; Length 50;
Best Local Similarity 73.7%; Pred. No. 1.2e+02;
Matches 28; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

5169 TCACAGGGGTGAGCCCAAAATTTGGGGTTTCAGCGTGGGA 5206

Dh		47	TCCACGCTGAACCCCAATTGTGGAGTCAACCGTGTA	10
	RESULT 23			
	ID	ABZ03479/c		
		ABZ03479 standard; DNA; 50 BP.		
Xx				
Ac		ABZ03479;		
Dt				
Dt	09-JAN-2003	(first entry)		
Xx				
De		Human leukocyte gene expression profiling probe SEQ ID NO 3470.		
Xx				
Kw	T7; leukocyte; gene expression profiling; allograft rejection; atherosclerosis; congestive heart failure; systemic lupus erythematosus; rheumatoid arthritis; osteoarthritis; cytomegalovirus; infection; probe; B8.			
Km				
Xx				
Os	Homo sapiens.			
Pn				
Pn	WO200257414-A2.			
Pd				
Pd	25-JUL-2002.			
Pf				
Pf	22-OCT-2001; 2001WO-US047856.			
Px				
Px	20-OCT-2000; 2000US-0241994P.			
Pr	08-JUN-2001; 2001US-0296764P.			
Pr				
Xx				
Pa	(BIOC-) BIOCARDIA INC.			
Xx				
Pi	Wohlgenuth J, Fry K, Matcuk G, Altman P, Prentice J, Phillips J, Ly N, Woodward R, Quetermous T, Johnson F,			
Xx				
Dr	WPI; 2002-636525/68.			
Ft				
Ft	New system for leukocyte expression profiling, diagnosing a disease, or monitoring (the rate of) progression of a disease, e.g. atherosclerosis or congestive heart failure, comprises diagnostic oligonucleotides.			
Pt				
Xx				
Ps	Claim 1; Page 437; 0pp; English.			
Xx				
Cc	The invention relates to a system for detecting gene expression, which comprises one or two isolated DNA molecules that detect expression of a gene, where the gene corresponds to any of 8143 oligonucleotides (*ABZ00010-ABZ08152) each having 50 base pairs (bp). The system is useful for leukocyte expression profiling. It is particularly useful for diagnosing a disease, monitoring (rate of) progression of a disease, predicting therapeutic outcome, determining prognosis for a patient, predicting disease complications in an individual or monitoring response to treatment in an individual. The diseases include cardiac allograft rejection, kidney allograft rejection, liver allograft rejection, atherosclerosis, congestive heart failure, systemic lupus erythematosus, rheumatoid arthritis, osteoarthritis or cytomegalovirus infection			
Sq	Sequence 50 BP; 9 A; 11 C; 20 G; 10 T; 0 U; 0 Other;			
	Query Match	0.4%; Score 22; DB 1; Length 50;		
	Best Local Similarity	73.7%; Pred. No. 1.2e+02;		
	Matches	28; Conservative 0; Mismatches 10; Indels 0; Gaps 0;		
Gy	5169 TCACAGGCTGAGCCCCAAATTTGGGGTCGCGTGGA 5206			
Dh	47 TCCACGCTGAACCCCAATTGTGGAGTCAACCGTGTA 10			
	RESULT 24			
	ID	ADG76060/c		
Xx		ADG76060 standard; DNA; 28 BP.		
Ac				
Xx	ADG76060;			
Jt	11-MAR-2004 (first entry)			

XX Non-CpG DNA oligonucleotide 61.
DE
XX
XX ss; non-CpG; immunostimulatory; non-palindromic; immune response;
KM proliferation; differentiation; cytokine; antibody production; B-cell;
KM plasmacytoid dendritic cell; immunomodulator; gene therapy;
KM chronic myelogenous leukemia; melanoma; Kaposi's sarcoma;
KM renal cell carcinoma.
XX
XX Synthetic.
XX
XX WO2003101375-A2.
XX
XX 11-DEC-2003.
XX
XX 30-MAY-2003; 2003WO-EP005691.
XX
XX 30-MAY-2002; 2002CA-02388049.
XX
XX (IMMU-) IMMUNOTECH SA.
XX
XX Lopez RA;
XX
XX WPI; 2004-053333/05.
XX
XX
XX New immunostimulatory oligonucleotide comprising non-palindromic nucleic
PT acid sequence motif, useful for inducing B-cell activation, treating,
PT preventing or ameliorating immune system disorder or tumoral disease e.g.
PT melanoma.
XX
XX Example 17; Page 82; 139pp; English.
XX
XX This invention relates to novel immunostimulatory oligonucleotides that
CC contain a non-palindromic sequence motif. Specifically, it refers to DNA
CC oligonucleotides (without a CpG motif), which can stimulate an immune
CC response in animals of the order of primate, including humans. The immune
CC response is characterized by the proliferation, differentiation, cytokine
CC and antibody production in B-cells, as well as cell differentiation and
CC cytokine production in plasmacytoid dendritic cells. The present
CC invention describes immunomodulator compositions that also comprise an
CC antigen selected from, for example, viruses, bacteria, parasites, tumour
CC cells and glycolipids. As such, these DNA oligos can be used in gene
CC therapy for inducing B-cell activation, treating, preventing or
CC ameliorating an immune system disorder or a tumoral disease including
CC chronic myelogenous leukemia, melanoma, Kaposi's sarcoma, and renal cell
CC carcinoma. This oligonucleotide sequence is a non-CpG DNA oligo of the
CC invention.
XX
XX Sequence 28 BP; 1 A; 1 C; 1 G; 25 T; 0 U; 0 Other;
SQ
Query Match 0.4%; Score 21.6; DB 1; Length 28;
Best Local Similarity 85.7%; Pred. No. 1.2e+02;
Matches 24; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 5394 AAAAAATACAAAAAGAAAAATGAAAA 5421
DB 28 AAAAAAAAAAAAAAAAACAAAATGAAAA 1
RESULT 25
ADG75972/c
ID ADG75972 standard; DNA; 28 BP.
AC
XX ADG75972;
XX
XX 11-MAR-2004 (first entry)
XX
XX Immunostimulatory non-CpG phosphorothioate DNA oligo IMT191.
DE
XX
XX ss; non-CpG; immunostimulatory; non-palindromic; immune response;
KM proliferation; differentiation; cytokine; antibody production; B-cell;
KM plasmacytoid dendritic cell; immunomodulator; gene therapy;
KM chronic myelogenous leukemia; melanoma; Kaposi's sarcoma;

KM renal cell carcinoma.
XX
XX Synthetic.
XX
XX WO2003101375-A2.
XX
XX 11-DEC-2003.
XX
XX 30-MAY-2003; 2003WO-EP005691.
XX
XX 30-MAY-2002; 2002CA-02388049.
XX
XX (IMMU-) IMMUNOTECH SA.
XX
XX Lopez RA;
XX
XX WPI; 2004-053333/05.
XX
XX
XX New immunostimulatory oligonucleotide comprising non-palindromic nucleic
PT acid sequence motif, useful for inducing B-cell activation, treating,
PT preventing or ameliorating immune system disorder or tumoral disease e.g.
PT melanoma.
XX
XX Example 5; Page 70; 139pp; English.
XX
XX This invention relates to novel immunostimulatory oligonucleotides that
CC contain a non-palindromic sequence motif. Specifically, it refers to DNA
CC oligonucleotides (without a CpG motif), which can stimulate an immune
CC response in animals of the order of primate, including humans. The immune
CC response is characterized by the proliferation, differentiation, cytokine
CC and antibody production in B-cells, as well as cell differentiation and
CC cytokine production in plasmacytoid dendritic cells. The present
CC invention describes immunomodulator compositions that also comprise an
CC antigen selected from, for example, viruses, bacteria, parasites, tumour
CC cells and glycolipids. As such, these DNA oligos can be used in gene
CC therapy for inducing B-cell activation, treating, preventing or
CC ameliorating an immune system disorder or a tumoral disease including
CC chronic myelogenous leukemia, melanoma, Kaposi's sarcoma, and renal cell
CC carcinoma. This oligonucleotide sequence is an immunostimulatory
CC phosphorothioate non-CpG variant DNA oligo, used to determine the effect
CC of oligo size on B cell proliferation and its secretion in an
CC exemplification of the invention. NOTE: This sequence is referred to as
CC Seqid 77 in example 5 of the specification, this differs from that given
CC as Seqid 77 in claim 14.
XX
XX Sequence 28 BP; 1 A; 1 C; 1 G; 25 T; 0 U; 0 Other;
SQ
Query Match 0.4%; Score 21.6; DB 1; Length 28;
Best Local Similarity 85.7%; Pred. No. 1.2e+02;
Matches 24; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 5394 AAAAAATACAAAAAGAAAAATGAAAA 5421
DB 28 AAAAAAAAAAAAAAAAACAAAATGAAAA 1
RESULT 26
AAD02770
ID AAD02770 standard; DNA; 21 BP.
AC
XX AAD02770;
XX
XX 31-MAY-2001 (first entry)
XX
XX Human NAC CDNA amplifying forward set 3 primer.
DE
XX
XX Human; NB domain; nucleotide binding domain; NB-ARC and CARD; NAC;
KM caspase-associated recruitment domain; CARD; TIM-Barrel-like domain;
KM cysteine aspartyl protease; apoptosis; cytokine production;
KM cytokine receptor signalling; therapy; inflammatory disorder; sepsis;
KM fibrosis; arthritis; cancer; adenocarcinoma; leukemia; primer; ss.
XX
XX Homo sapiens.


```
XX XX WO200116170-A2.
XX XX
XX XX 08-MAR-2001.
XX XX
XX XX 01-SEP-2000; 2000WO-US024152.
XX XX
XX XX 01-SEP-1999; 99US-00388221.
XX XX
XX XX (BURN-) BURNHAM INST.
XX XX
XX XX Reed JC;
XX XX
XX XX WPI; 2001-183258/18.
XX XX
XX XX Novel nucleic acid encoding NB-ARC and caspase associated recruitment
XX XX domain, used to produce polypeptides for screening for modulators of
XX XX apoptosis.
XX XX
XX XX Example 1; Page 86; 184pp; English.
XX XX
XX XX The present sequence is a forward set 3 primer used for amplifying human
XX XX NB-ARC and CARD containing protein (NAC) cDNA. NAC beta isoform
XX XX represents the NAC splice variant in which both the splice regions are
XX XX present in the translated polypeptide. NAC protein comprises a nucleotide
XX XX binding (NB) domain (also referred as NB-ARC domain), a caspase-
XX XX associated recruitment domain (CARD) and a TIM-Barrel-like domain. The
XX XX caspase, cysteine aspartyl proteases, are principal effectors of
XX XX apoptosis. CARD containing NAC proteins are used for screening modulators
XX XX that modulates apoptosis; cytokine production, cytokine receptor
XX XX signaling and other cellular processes. NAC can act as an immunogen for
XX XX the production of polyclonal and monoclonal antibodies. It can also be
XX XX used to diagnose and treat inflammatory disorders such as sepsis,
XX XX fibrosis and arthritis and cancer pathologies such as adenocarcinomas and
XX XX leukaemias
XX XX
XX XX Sequence 21 BP; 6 A; 2 C; 9 G; 4 T; 0 U; 0 Other;
XX XX
XX XX Query Match 0.4%; Score 21; DB 1; Length 21;
XX XX Best Local Similarity 100.0%; Pred. No. 1.4e+02;
XX XX Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX XX
XX XX QY 3873 TGTGATGAGAGGCGGTGAC 3893
XX XX DB 1 TGTGATGAGAGGCGGTGAC 21
XX XX
XX XX RESULT 27
XX XX AAL47144
XX XX ID AAL47144 standard; DNA; 21 BP.
XX XX
XX XX AC AAL47144;
XX XX
XX XX DT 20-AUG-2002 (first entry)
XX XX
XX XX Pyrin domain containing protein coding sequence PCR primer JTI658.
XX XX
XX XX Pyrin domain; PYD domain; antiinflammatory; antiparkinsonian;
XX XX antiarteriosclerotic; antiapoptotic; antibacterial; virocid;
XX XX neuroprotective; antiarthritic; antirheumatic; antiasthmatic;
XX XX nephrotropic; osteopathic; nootropic; intracellular signal transduction;
XX XX inflammation; Alzheimer's disease; infection; psoriasis; asthma;
XX XX arteriosclerosis; multiple sclerosis; rheumatoid arthritis; sarcoidosis;
XX XX osteoarthritis; glomerulonephritis; PCR; primer; ss.
XX XX
XX XX Unidentified.
XX XX
XX XX WO200240668-A2.
XX XX
XX XX PD 23-MAY-2002.
XX XX
XX XX PF 30-OCT-2001; 2001WO-EP012545.
XX XX
```

```
PR 15-NOV-2000; 2000DE-01056687.
PR 30-NOV-2000; 2000DE-01059595.
XX XX
XX XX (APOT-) APOTECR RES & DEV LTD.
XX XX
XX XX Tschoopp J, Martinon F;
XX XX
XX XX WPI; 2002-427093/45.
XX XX
XX XX New DNA encoding protein with pyrin domain, useful for treating diseases
XX XX involving impaired signal transduction, particularly inflammation, also
XX XX proteins and antibodies.
XX XX
XX XX Example; Page 51; 116pp; German.
XX XX
XX XX The present invention relates the DNA and their encoded proteins, where
XX XX the proteins contain at least one PYD (pyrin) domain. These can be used
XX XX to treat diseases associated with impaired intracellular signal
XX XX transduction, particularly inflammation such as psoriasis,
XX XX arteriosclerosis, bacterial or viral infections (particularly meningitis
XX XX and pneumonia), multiple sclerosis, rheumatoid arthritis, asthma,
XX XX sarcoidosis, glomerulonephritis and osteoarthritis, and also Alzheimer's
XX XX and Parkinson's diseases. The present sequence is a PCR primer used to
XX XX isolate a coding sequence of the invention
XX XX
XX XX Sequence 21 BP; 7 A; 5 C; 6 G; 3 T; 0 U; 0 Other;
XX XX
XX XX Query Match 0.4%; Score 21; DB 1; Length 21;
XX XX Best Local Similarity 100.0%; Pred. No. 1.4e+02;
XX XX Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX XX
XX XX QY 3610 AAATCTCTGACGTGACGACG 3630
XX XX DB 1 AAATCTCTGACGTGACGACG 21
XX XX
XX XX RESULT 28
XX XX AAL47146
XX XX ID AAL47146 standard; DNA; 21 BP.
XX XX
XX XX AC AAL47146;
XX XX
XX XX DT 20-AUG-2002 (first entry)
XX XX
XX XX DE Pyrin domain containing protein coding sequence PCR primer #2.
XX XX
XX XX Pyrin domain; PYD domain; antiinflammatory; antiparkinsonian;
XX XX antiarteriosclerotic; antiapoptotic; antibacterial; virocid;
XX XX neuroprotective; antiarthritic; antirheumatic; antiasthmatic;
XX XX nephrotropic; osteopathic; nootropic; intracellular signal transduction;
XX XX inflammation; Alzheimer's disease; infection; psoriasis; asthma;
XX XX arteriosclerosis; multiple sclerosis; rheumatoid arthritis; sarcoidosis;
XX XX osteoarthritis; glomerulonephritis; PCR; primer; ss.
XX XX
XX XX Unidentified.
XX XX
XX XX WO200240668-A2.
XX XX
XX XX PD 23-MAY-2002.
XX XX
XX XX PF 30-OCT-2001; 2001WO-EP012545.
XX XX
XX XX PR 15-NOV-2000; 2000DE-01056687.
XX XX PR 30-NOV-2000; 2000DE-01059595.
XX XX
XX XX (APOT-) APOTECR RES & DEV LTD.
XX XX
XX XX Tschoopp J, Martinon F;
XX XX
XX XX WPI; 2002-427093/45.
XX XX
XX XX New DNA encoding protein with pyrin domain, useful for treating diseases
XX XX involving impaired signal transduction, particularly inflammation, also
```


PT proteins and antibodies.
 XX
 PS Example, Page 51, 116pp; German.
 CC The present invention relates the DNA and their encoded proteins, where
 CC the proteins contain at least one PYD (pyrin) domain. These can be used
 CC to treat diseases associated with impaired intracellular signal
 CC transduction, particularly inflammation such as psoriasis,
 CC arteriosclerosis, bacterial or viral infections (particularly meningitis
 CC and pneumonia), multiple sclerosis, rheumatoid arthritis, asthma,
 CC sarcoidosis, glomerulonephritis and osteoarthritis, and also Alzheimer's
 CC and Parkinson's diseases. The present sequence is a PCR primer used to
 CC isolate a coding sequence of the invention
 XX
 SQ Sequence 21 BP, 2 A, 5 C, 11 G, 3 T, 0 U, 0 Other;
 Query Match 0.4%; Score 21; DB 1; Length 21;
 Best Local Similarity 100.0%; Pred. No. 1.4e+02;
 Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Oy 523 ATGGCTGGGGAGACCTGGGCGC 543
 Db 1 ATGGCTGGGGAGACCTGGGCGC 21
 RESULT 29
 AAQ05003/c
 ID AAQ05003 standard; DNA, 29 BP.
 AC AAQ05003;
 XX
 XX
 DT 25-MAR-2003 (revised)
 DT 31-OCT-1990 (first entry)
 XX
 DE Sequence binding to and inhibiting the GSTP1 gene.
 XX
 XX C-MYC; cancer; HIV-1; AIDS; collagenase; Alzheimer's disease; EGF;
 KM epidermal growth factor; GSTP1, HMGCoA, thalassemia,
 KM Herpes simplex virus; nerve growth factor receptor; globin, BR.
 XX
 OS Synthetic.
 OS
 PN EP375408-A.
 PD 27-JUN-1990.
 PF 20-DEC-1989; 89BP-00313391.
 PR 20-DEC-1988; 88US-00287359.
 XX
 PA (BAY) BAYLOR COLLEGE MEDICINE.
 PA (HOGA/) HOGAN M E.
 PI Hogan ME, Keseler DJ;
 XX
 XX WPI, 1990-195509/26.
 DR
 XX
 PT Synthetic oligo-nucleotide(s) which bind target duplex DNA - forming co-
 PT linear triplex to control transcription process in gene-specific fashion.
 PS Claim 39, Page 30; 40pp; English.
 XX
 XX Sequence forms triplex with the double stranded target sequence with G
 CC binding to G-C and T to A-T. The strand runs 3' to 5' in an antiparallel
 CC orientation and when targeted to a specific sequence will deactivate it.
 CC This allows for growth inhibition in cancerous cells; manipulation of
 CC cellular structural protein content; inhibition of IL-2 chain receptor;
 CC dishearing plaque formation in Alzheimer's disease; inhibiting EGR gene;
 CC modulating cholesterol synthesis through the HMGCoA gene; suppressing NGF
 CC gene expression; arresting HSV-1 replication and suppressing beta- globin
 CC expression in thalassemia and sickle cell anemia patients. (Updated on
 CC 25-MAR-2003 to correct PR field.) (Updated on 25-MAR-2003 to correct PA
 CC field.)

XX
 SQ Sequence 29 BP, 0 A, 0 C, 0 G, 29 T, 0 U, 0 Other;
 Query Match 0.4%; Score 21; DB 1; Length 29;
 Best Local Similarity 82.8%; Pred. No. 1.5e+02;
 Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
 Oy 5393 AAAAAATACAAAAAGAAAAATGAAA 5421
 Db 29 AAAAAATACAAAAAGAAAAATGAAA 1
 RESULT 30
 ADO81147/c
 ID ADO81147 standard; DNA, 29 BP.
 AC ADO81147;
 XX
 XX
 DT 29-JUL-2004 (first entry)
 XX
 DE Prion protein polymorphic microsatellite marker consensus sequence #25.
 XX
 XX gene typing; polymorphic microsatellite loci; PMU;
 KM disease predisposition; microsatellite marker; prion disease;
 KM cystic fibrosis; malignant hyperthermia syndrome; metabolic disease;
 KM milk protein; hormone; transcription factor; pT-blue-vector; sheep;
 KM microsatellite; de.
 XX
 OS Synthetic.
 OS
 PN DE10236711-A1.
 PD 26-FEB-2004.
 PF 09-AUG-2002; 2002DE-01036711.
 PR 09-AUG-2002; 2002DB-01036711.
 PA (UYHO-) UNIV HOHENHEIM.
 XX
 XX Geldermann H, Preuss S, Han Y;
 PI WPI, 2004-215730/21.
 DR
 XX
 PT Typing genes that contain polymorphic microsatellite loci, useful for
 PT identifying predisposition to disease, by amplification and determining
 PT length of amplicons.
 PS Claim 9; Page 50; 64pp; German.
 XX
 XX The invention describes a method of typing (M1) a gene (I) that has one
 CC or more polymorphic microsatellite loci (PMU). The method comprises: PCR
 CC amplification of at least one DNA region of (I) that includes PMU, using
 CC as template a DNA sample containing at least one segment of (I); and
 CC determining the length of the resulting amplicon(s). Also described are:
 CC a method of determining (M2) microsatellite markers (MM) for
 CC predisposition to a disease, associated with a gene that includes one or
 CC more PMU; and predisposition (M3) of diseases associated with gene that
 CC include PMU. The method is used to identify microsatellite markers, in a
 CC disease-related gene, that are associated with a predisposition to
 CC diseases and for prediagnosis of such diseases, especially prion diseases
 CC but also cystic fibrosis, malignant hyperthermia syndrome in pigs and
 CC metabolic diseases, also to type genes that encode milk proteins,
 CC hormones or transcription factors. The method is simpler, quicker and
 CC particularly less expensive than known methods based on sequencing. This
 CC sequence represents a prion protein polymorphic microsatellite marker
 CC consensus sequence.
 XX
 SQ Sequence 29 BP, 0 A, 0 C, 0 G, 29 T, 0 U, 0 Other;
 Query Match 0.4%; Score 21; DB 1; Length 29;
 Best Local Similarity 82.8%; Pred. No. 1.5e+02;
 Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

```

QY      5393 AAAAAAAAAACAAAAAGAAAAATGAAA 5421
      29 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 31
AANT0277/c
ID      AANT0277 standard; DNA; 30 BP.
XX
XX
AC      AANT0277;
XX
DT      03-OCT-2002 (revised)
DT      26-MAY-1991 (first entry)
XX
XX      Sequence of scissile link probe MRC064 (HL).
XX
XX      Hybridisation; probe; ss.
XX
XX      Synthetic.
XX
XX      EP227976-A.
XX
XX      08-JUL-1987.
XX
XX      04-DEC-1986; 86EP-00116906.
XX
XX      05-DEC-1985; 85US-00805279.
XX
XX      (MEIO-) MEIOGENICS INC.
XX
XX      Duck P, Bender R, Crosby W, Robertson JG;
XX
XX      WPI; 1987-186567/27.
XX
XX      Synthetic nucleic acid probes - comprising two nucleic acid sequences
XX      linked by a scissile linkage.
XX
XX      Example; p29; 46bp; English.
XX
XX      The patent claims a new molecule of formula (NA1----S----NA2)n. NA1 and
XX      NA2 are noncomplementary nucleic acid sequences; ---S--- = a scissile
XX      linkage; n = 1 or 1,000, which is used for the detection of specific DNA
XX      or RNA sequences in a test soln. The scissile link probes may be PL
XX      (Permanent Linkage to Solid Support) or HL (Hydrolysable Linkage to Solid
XX      Support). The differential lability of DNA and RNA may be exploited in a
XX      heterogeneous system when the scissile linkage is an RNA molecule. In the
XX      examples, counter probe molecules 9 through 16 were used to determine
XX      suitable hybridisation conditions. (Updated on 03-OCT-2002 to add missing
XX      OS field.)
XX
SQ      Sequence 30 BP; 0 A; 0 C; 0 G; 22 T; 8 U; 0 Other;

Query Match      0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred.No.1.5e+02;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAACAAAAAGAAAAATGAAA 5421
      30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 32
AAN92243/c
ID      AAN92243 standard; DNA; 30 BP.
XX
XX
AC      AAN92243;
XX
XX
DT      25-MAR-2003 (revised)
DT      31-OCT-2002 (revised)
DT      25-APR-1990 (first entry)
XX
XX
DE      SS probe MRC064.

```

```

XX      Probe MRC064; solid support; ribonuclease.
XX
XX      Synthetic.
XX
XX      Key
XX      misc_feature      Location/Qualifiers
XX      1..12
XX      /tag= a
XX      /note= "deoxyribonucleotides."
XX      misc_feature      13..20
XX      /tag= b
XX      /note= "ribonucleotides."
XX      misc_feature      21..30
XX      /tag= c
XX      /note= "deoxyribonucleotides."

W08910415-A.
XX
XX      02-NOV-1989.
XX
XX      29-APR-1988; 88US-00187814.
XX
XX      29-APR-1988; 88US-00187814.
XX
XX      (MEIO-) MEIOGENICS INC.
XX
XX      Duck P, Bender R;
XX
XX      WPI; 1989-339977/46.
XX
XX      Detecting target nucleic acid molecules - using excess complementary
XX      nucleic acid probes and nicking to complete a cycling sequence.
XX
XX      Disclosure; Page 24; 34pp; English.
XX
XX      Probe MRC064 is bound by a hydrolysable linkage to a solid support at its
XX      3' end. It is used by reacting excess probe with a target nucleic acid;
XX      nicking hybridised probe at least once within a predetermined sequence to
XX      form 2 or more probe fragments hybridised to the target sequence, which
XX      results in the probe fragments becoming hybridised to another probe; and
XX      identifying probe fragments, so detecting the target sequence. The probe
XX      can react with target sequence to complete a cycling sequence. Using this
XX      system, sensitivity of 10 exp. -19 to 10 exp. -20 molecules of target can
XX      be obtd. The probe is cleavable at the ribonucleotides by a ds RNase, eg
XX      RNase H or ExoIII. (Updated on 31-OCT-2002 to add missing OS field.)
XX
SQ      Sequence 30 BP; 0 A; 0 C; 0 G; 22 T; 8 U; 0 Other;

Query Match      0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred.No.1.5e+02;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAACAAAAAGAAAAATGAAA 5421
      30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 33
AAQ36302/c
ID      AAQ36302 standard; DNA; 30 BP.
XX
XX
AC      AAQ36302;
XX
XX
DT      25-MAR-2003 (revised)
DT      07-JUN-1993 (first entry)
XX
XX
DE      GSTant1, for GSTpi gene target sequence.
XX
XX      Glutathione-S-transferase pi; cancer; drug resistance; chemotherapy;
XX      sensitisation; triplex; target; duplex; ss.
XX
XX      Synthetic.

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XX US5176996-A.
PN
PT
XX
XX
PD 05-JAN-1993.
PS
XX 22-DEC-1989; 89US-00453532.
XX
XX 20-DEC-1988; 88US-00287359.
XX
XX (BAYU ) BAYLOR COLLEGE MEDICINE.
XX
XX Hogan ME, Kessler DJ,
XX
XX WPI; 1993-035718/04.
DR
XX
XX Synthetic oligo-nucleotide(s), prodn. useful e.g. for HIV-1 inhibition -
PT which bind to target sequence in duplex DNA forming colinear triplex by
PT binding to major groove.
XX
XX Example 8; Col 27; 29pp; English.
XX
XX Overexpression of the enzyme glutathione-S-transferase pi has been
CC implicated as being responsible for the broad range drug resistance which
CC develops in a variety of cancers. Expression of the gene may be prevented
CC by the formation of a triplex between the duplex target DNA sequence and
CC an anti parallel or parallel synthetic oligonucleotide. A suitable target
CC sequence is that from base -499 to -410 of GSTpi, an unusual repetitive
CC DNA segment within the control domain. Oligonucleotides targeted against
CC this sequence will repress GSTpi transcription. See also AAQ36219-362.
CC (Updated on 25-MAR-2003 to correct PF field.)
XX
XX Sequence 30 BP; 0 A; 0 C; 0 G; 30 T; 0 U; 0 Other;
SQ
XX
XX Query Match 0.4%; Score 21; DB 1; Length 30;
XX Best Local Similarity 82.8%; Pred. No. 1.5e+02;
XX Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 5393 AAAAAATTCAAAAAGAAAAATGAAA 5421
DB 30 AAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 34
AAQ36301/C
ID AAQ36301 standard; DNA; 30 BP.
XX
XX AAQ36301;
AC
XX
XX 25-MAR-2003 (revised)
DT 07-JUN-1993 (first entry)
XX
XX GST3par, for GSTpi gene target sequence.
DE
XX
XX Glutathione-S-transferase pi; cancer; drug resistance; chemotherapy;
XX sensitization; triplex; target; duplex; ss.
XX
XX Synthetic.
OS
XX
XX US5176996-A.
PN
XX
XX 05-JAN-1993.
PD
XX
XX 22-DEC-1989; 89US-00453532.
XX
XX 20-DEC-1988; 88US-00287359.
XX
XX (BAYU ) BAYLOR COLLEGE MEDICINE.
XX
XX Hogan ME, Kessler DJ,
XX
XX WPI; 1993-035718/04.
DR
XX
XX Synthetic oligo-nucleotide(s), prodn. useful e.g. for HIV-1 inhibition -
PT

```

```

PT which bind to target sequence in duplex DNA forming colinear triplex by
XX binding to major groove.
XX
XX Example 8; Col 27; 29pp; English.
XX
XX Overexpression of the enzyme glutathione-S-transferase pi has been
CC implicated as being responsible for the broad range drug resistance which
CC develops in a variety of cancers. Expression of the gene may be prevented
CC by the formation of a triplex between the duplex target DNA sequence and
CC an anti parallel or parallel synthetic oligonucleotide. A suitable target
CC sequence is that from base -499 to -410 of GSTpi, an unusual repetitive
CC DNA segment within the control domain. Oligonucleotides targeted against
CC this sequence will repress GSTpi transcription. See also AAQ36219-362.
CC (Updated on 25-MAR-2003 to correct PF field.)
XX
XX Sequence 30 BP; 0 A; 0 C; 0 G; 30 T; 0 U; 0 Other;
SQ
XX
XX Query Match 0.4%; Score 21; DB 1; Length 30;
XX Best Local Similarity 82.8%; Pred. No. 1.5e+02;
XX Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 5393 AAAAAATTCAAAAAGAAAAATGAAA 5421
DB 30 AAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 35
AAK57020/C
ID AAK57020 standard; DNA; 30 BP.
XX
XX AAK57020;
AC
XX
XX 19-JUL-1999 (first entry)
DT
XX
XX WO923258 oligonucleotide primer 2.
DE
XX
XX Visual; nucleic acid detection; target; hybridization; probe; primer;
XX agglutination; bridging molecule; ss.
XX
XX Synthetic.
OS
XX
XX WO923258-A1.
PN
XX
XX 14-MAY-1999.
PD
XX
XX 30-OCT-1998; 98WO-US023267.
XX
XX 31-OCT-1997; 97US-0063969P.
XX
XX (GENP-) GEN-PROBE INC.
PA
XX
XX Weisburg WG, Stull PD, Reshatoff MR;
PI
XX
XX WPI; 1999-326994/27.
DR
XX
XX Optical detection of hybridization complexes for specific target nucleic
PT acid sequences.
PT
XX
XX Example 1; Page 40; 46pp; English.
PS
XX
XX This invention describes a novel method for the visual detection of
CC target nucleic acid presence in a sample. A preferred target is a
CC Mycobacterium complex nucleic acid sequence. The detection method uses
CC visual detection of a change in the hybridization without aid of
CC instrumentation. Multiple copies of a target nucleic acid sequence are
CC mixed with first and second detectable probes under hybridizing
CC conditions favouring particle agglutination via a bridging molecule
CC allowing for visual detection of the target nucleic acid sequence. The
CC bridging molecule enhances or inhibits formation of a hybridization
CC complex.
XX
XX Sequence 30 BP; 0 A; 0 C; 0 G; 30 T; 0 U; 0 Other;
SQ

```

```

Query Match      0.4%  Score 21; DB 1; Length 30;
Best Local Similarity 82.8%  Pred. No. 1.5e+02;
Matches 24; Conservative 0; Mismatches 5; Indels 0;
Gaps 0;

QY 5393 AAAAAAAAAATCAAAAAAAAAAGAAAAAAAAATGAAAA 5421
    |||||
Db 30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2
    |||||

```

RESULT 36
 AAF99889
 ID AAF99889 standard; DNA; 30 BP.
 AC AAF99889;
 AT
 DT 12-JUN-2001 (first entry)
 DE
 XX Immunostimulatory nucleic acid #1005.
 XX
 XX Vaccine; cytostatic; virucidal; bactericidal; fungicidal; anti-parasitic;
 KM immunostimulatory; tumor; viral infection; bacterial infection;
 KM fungal infection; parasitic infection; cancer; asthma;
 KW infectious disease; allergy; immune deficiency; phosphorothioate; ss.
 OS Synthetic.
 XX
 XX WO200122972-A2.
 XX
 PD 05-APR-2001.
 XX
 PF 25-SEP-2000; 2000WO-US026383.
 XX
 PR 25-SEP-1999; 99US-0156113P.
 PR 27-SEP-1999; 99US-0156135P.
 PR 23-AUG-2000; 2000US-0227436P.
 XX
 PA (IOWA) UNIV IOWA RES FOUND.
 PA (COLR-) COLBY PHARM GMBH.
 XX
 PI Krieg AM, Schetter C, Vollmer J;
 DR WPI; 2001-273485/28.
 XX
 PT Vaccinating against tumors, infectious diseases, allergies and asthma
 PS using immunostimulatory Py-rich and TG nucleic acids.
 XX
 PS Example 6; Page 60; 338pp; English.
 CC
 CC The present invention relates to a method for stimulating an immune
 CC response. The method comprises administering an immunostimulatory nucleic
 CC acid to a non-rodent subject in sufficient quantity to stimulate an
 CC immune response. The present sequence is one such immunostimulatory
 CC nucleic acid. The immunostimulatory nucleic acids can be pyrimidine rich
 CC (py-rich) or thymidine (T) rich. The method is used to vaccinate subjects
 CC against tumor antigens, viral antigens (e.g. herpesviridae, retroviridae
 CC and/or orthomyxoviridae), bacterial antigens (e.g. toxoplasma,
 CC haemophilus, campylobacter, clostridium, Escherichia coli and/or
 CC stephylococcus), fungal antigens and/or parasitic antigens. The method is
 CC also useful for preventing cancer, asthma, infectious disease, allergy or
 CC immune deficiency. The present sequence can also be used to redirect a
 CC T_H2 to a T_H1 immune response and to activate immune cells. Note: the
 CC present sequence may have a phosphorothioate backbone
 CC
 CC Sequence 30 BP; 30 A; 0 C; 0 G; 0 T; 0 U; 0 Other;
 CC

```

Query Match Similarity      0.4%   Score 21; DB 1; Length 30;
Best Local Similarity       82.8%;   Pred. No. 1.5e+02;
Matches    24; Conservative    0; Mismatches    5; Indels    0; Gaps    0.

QY      5393 AAAAAAAAAATGCAAAAAAGAAAAAATGAA 5421
          ||||| | ||||| | ||||| | ||||| |
          1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 29

```

RESULT 37	
AAF99888/C	
ID	AAF99888 standard; DNA; 30 BP.
XX	
AC	AAF99888;
XX	

DE Immunostimulatory nucleic acid #1004.

XX Vaccine; cytostatic; virucidal; bactericidal; fungicidal; anti-parasitic;
KM immunostimulatory; tumour; viral infection; bacterial infection;
KM fungal infection; parasitic infection; cancer; asthma;
XX infectious disease; allergy; immune deficiency; phosphorothioate; ss.
OS Synthetic.

PM WO200122972-A2.

PM 05-APR-2001.

XX 25-SEP-2000; 2000WO-US026383.

XX 25-SEP-1999; 99US-0156113P.
PR 27-SEP-1999; 99US-0156135P.
PR 23-AUG-2000; 2000US-0227436P.

XX (IOWA) UNIV IOWA RES FOUND.
PA (COLB-) COLEY PHARM GMBH.

XX Kriegel AM, Schetter C, Vollmer J;
PI WPI; 2001-273485/28.

XX Vaccinating against tumors, infectious diseases, allergies and asthma
PT using immunostimulatory Py-rich and TG nucleic acids.

PS Example 6; Page 60; 338pp; English.

XX The present invention relates to a method for stimulating an immune
CC response. The method comprises administering an immunostimulatory nucleic
CC acid to a non-rodent subject in sufficient quantity to stimulate an
CC immune response. The present sequence is one such immunostimulatory
CC nucleic acid. The immunostimulatory nucleic acids can be pyrimidine rich
CC (py-rich) or thymidine (T) rich. The method is used to vaccinate subjects
CC against tumour antigens, viral antigens (e.g. herpesviridae, retroviridae
CC and/or orthomyxoviridae), bacterial antigens (e.g. toxoplasma,
CC haemophilus, campylobacter, clostridium, Escherichia coli and/or
CC staphylococcus), fungal antigens and/or parasitic antigens. The method is
CC also useful for preventing cancer, asthma, infectious disease, allergy or
CC immune deficiency. The present sequence can also be used to redirect a
CC Th2 to a Th1 immune response and to activate immune cells. Note: the
CC present sequence may have a phosphorothioate backbone

XX Sequence 30 BP; 0 A; 0 C; 0 G; 30 T; 0 U; 0 Other;

Query Match	0.4%	Score 21	DB 1	Length 30
Best Local Similarity	82.8%	Pred. No. 1.5e+02		
Matches 24	Conservative 0	Mismatches 5	Indels 0	Gaps 0
Oy	5393	AAAAAAAAATCACAAAAAGAAAAATGTAAA	5421	
Db	30	AAAAAAAAAAAAAAAAAAAAAAAAAAAAA	2	
RESULT 38				
AAD02771/c				
ID	AAD02771 standard; DNA: 30 BP.			
XX				
AC	AAD02771;			
XX				
DT	31-MAY-2001 (first entry)			

```

XX  Human NAC CDNA amplifying reverse set 3 primer.
DE
XX
XX  Human, NB domain; nucleotide binding domain; NB-ARC and CARD; NAC;
XX  caspase-associated recruitment domain; CARD; TIM-Barrel-like domain;
XX  cysteine aspartyl protease; apoptosis; cytokine production;
XX  cytokine receptor signaling; therapy; inflammatory disorder; sepsis;
XX  fibrosis; arthritis; cancer; adenocarcinoma; leukemia; primer; ss.
XX
XX  Homo sapiens.
XX
XX  W0200116170-A2.
XX
XX  08-MAR-2001.
XX
XX  01-SEP-2000; 2000MO-US024152.
XX
XX  01-SEP-1999; 99US-00388221.
XX
XX  (BURN-) BURHAM INST.
XX
XX  Reed JC,
XX
XX  WPI, 2001-183258/18.
XX
XX  Novel nucleic acid encoding NB-ARC and caspase associated recruitment
XX  domain, used to produce polypeptides for screening for modulators of
XX  apoptosis.
XX
XX  Example 1; Page 86; 184pp; English.
XX
XX  The present sequence is a reverse set 3 primer used for amplifying human
XX  NB-ARC and CARD containing protein (NAC) CDNA. NAC beta isoform
XX  represents the NAC splice variant in which both the splice regions are
XX  present in the translated polypeptide. NAC protein comprises a nucleotide
XX  binding (NB) domain (also referred as NB-ARC domain), a caspase-
XX  associated recruitment domain (CARD) and a TIM-Barrel-like domain. The
XX  caspases, cysteine aspartyl proteases, are principal effectors of
XX  apoptosis. CARD containing NAC proteins are used for screening modulators
XX  that modulates apoptosis, cytokine production, cytokine receptor
XX  signaling and other cellular processes. NAC can act as an immunogen for
XX  the production of polyclonal and monoclonal antibodies. It can also be
XX  used to diagnose and treat inflammatory disorders such as sepsis,
XX  fibrosis and arthritis and cancer pathologies such as adenocarcinomas and
XX  leukemias
XX
XX  Sequence 30 BP; 10 A; 9 C; 9 G; 2 T; 0 U; 0 Other;
SQ
XX
XX  Query Match 0.4%; Score 21; DB 1; Length 30;
XX  Best Local Similarity 100.0%; Pred. No. 1.5e+02;
XX  Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4847 GCTTTGCTGACCCCTCTTTG 4867
DB 30 GCTTTGCTGACCCCTCTTTG 10
XX
XX  RESULT 39
XX  ABK10416
XX  ID ABK10416 standard; DNA; 30 BP.
XX
XX  ABK10416;
AC
XX  21-MAY-2002 (first entry)
XX
XX  Synthetic primer sequence 5'-A30-3'.
XX
XX  ss; 5'-A30-3'; double stranded DNA generation; promiscuous base;
XX  target molecule; primer.
XX
XX  Synthetic.
XX
XX  US6326143-B1.
XX

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XX  04-DEC-2001.
XX
XX  22-MAY-1998; 98US-00083123.
XX
XX  22-NOV-1996; 96MO-EP005149.
XX
XX  (HOFF) ROCHER DIAGNOSTICS GMBH.
XX
XX  Orum H, Seeger C;
XX
XX  WPI, 2002-214947/27.
XX
XX  Determining an analyte in a sample, for generating multiple double
XX  stranded nucleic acids, comprises employing a single primer sequence with
XX  a nucleobase sequence having affinity to the sequence contained in a
XX  target nucleic acid.
XX
XX  Example 1; Col 14; 25pp; English.
XX
XX  The invention relates to determining an analyte in a sample comprising
XX  (a) providing a target nucleic acid comprising a region A, a nucleobase
XX  sequence B, and a sequence I linked to the 5' terminus of the nucleobase
XX  sequence B, where the nucleobase sequence B is not specific for the
XX  analyte, and the region A specifically binds to the analyte, (b) binding
XX  the target nucleic acid to the analyte, separating the analyte bound to
XX  the target nucleic acid from the remaining part of the sample, (d)
XX  hybridizing a primer to the target nucleic acid, where the primer
XX  comprises a nucleobase sequence B', and the nucleobase sequence B'
XX  hybridizes to the nucleobase sequence B, (e) elongating the hybridised
XX  primer to produce an elongation product B using the target nucleic acid
XX  as a template and using nucleotides, where at least 30 % of the
XX  nucleotides contain at least one promiscuous base which is capable of
XX  base pairing with each of adenine, guanine, cytosine, and thymine, (f)
XX  separating the target nucleic acid from the elongation product B, (g)
XX  hybridizing a further primer which comprises the nucleobase sequence B'
XX  to the elongation product B, where the elongation product B is capable of
XX  acting as a template for the elongation of the further primer, (h)
XX  elongating the hybridised further primer of step (g) to produce an
XX  elongation product B' using the elongation product B as a template and
XX  using nucleotides, where at least 30 % of the nucleotides contain at
XX  least one promiscuous base, (i) separating the elongation product B from
XX  the elongation product B', (j) hybridizing a further primer comprising a
XX  nucleobase sequence B' to the target nucleic acid or the elongation
XX  product B, (k) elongating the further primer of step (j) to produce
XX  another elongation product B using the target nucleic acid or elongation
XX  product B as a template and using nucleotides, where at least 30 % of the
XX  nucleotides contain at least one promiscuous base, (l) separating product
XX  B of step (k) from the target nucleic acid or elongation product B, (m)
XX  optionally repeating steps (g) - (l) a sufficient number of times to
XX  generate a desired amount of double stranded nucleic acids and (n)
XX  determining the elongation product B and/or elongation product B' as a
XX  measure of the presence or amount of the analyte, where the lengths of
XX  the sequence I and the nucleobase sequence B are chosen such that, when
XX  the further primer hybridises to the elongation product B in step (g),
XX  the further primer spans a sequence formed by elongation of the
XX  hybridised primer of step (e) and overlaps at least a part of the 3'
XX  region of the hybridized primer of step (e) by an overlap length. The
XX  method is useful for determining an analyte in a sample. In particular, the
XX  method is useful for generating multiple double stranded nucleic acids.
XX  The present sequence is a primer molecule used to exemplify the method of
XX  the invention
XX
XX  Sequence 30 BP; 30 A; 0 C; 0 G; 0 T; 0 U; 0 Other;
SQ
XX
XX  Query Match 0.4%; Score 21; DB 1; Length 30;
XX  Best Local Similarity 82.8%; Pred. No. 1.5e+02;
XX  Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 5393 AAAAAATTCAGAAAAAGAAAAATGAAA 5421
DB 1 AAAAAATTCAGAAAAAGAAAAATGAAA 29
XX

```

```
RESULT 40
ABK10412/c
ID ABK10412 standard; DNA; 30 BP.
XX
AC ABK10412;
XX
DT 21-MAY-2002 (first entry)
XX
DE Synthetic primer sequence 5'-T30-3'.
XX
KM ss; 5'-T30-3'; double stranded DNA generation; promiscuous base;
KW target molecule; primer.
XX
OS Synthetic.
XX
PN US6326143-B1.
XX
PD 04-DEC-2001.
XX
PF 22-MAY-1998; 98US-00083123.
XX
PR 22-NOV-1996; 96WO-EP005149.
XX
PA (HOPE ) ROCHE DIAGNOSTICS GMBH.
XX
PI Orum H, Seeger C;
XX
DR MPI; 2002-214947/27.
XX
PT Determining an analyte in a sample, for generating multiple double
XX stranded nucleic acids, comprises employing a single primer sequence with
XX a nucleobase sequence having affinity to the sequence contained in a
XX target nucleic acid.
XX
PS Example 1; Col 14; 25pp; English.
XX
CC The invention relates to determining an analyte in a sample comprising
CC (a) providing a target nucleic acid comprising a region A, a nucleobase
CC sequence B, and a sequence I linked to the 5' terminus of the nucleobase
CC sequence B, where the nucleobase sequence B is not specific for the
CC analyte, and the region A specifically binds to the analyte, (b) binding
CC the target nucleic acid to the analyte, separating the analyte bound to
CC the target nucleic acid from the remaining part of the sample, (d)
CC hybridising a primer to the target nucleic acid, where the primer
CC comprises a nucleobase sequence B', and the nucleobase sequence B'
CC hybridises to the nucleobase sequence B, (e) elongating the hybridised
CC primer to produce an elongation product B using the target nucleic acid
CC as a template and using nucleotides, where at least 30 % of the
CC nucleotides contain at least one promiscuous base which is capable of
CC base pairing with each of adenine, guanine, cytosine, and thymine, (f)
CC separating the target nucleic acid from the elongation product B, (g)
CC hybridising a further primer which comprises the nucleobase sequence B'
CC to the elongation product B, where the elongation product B is capable of
CC acting as a template for the elongation of the further primer, (h)
CC elongating the hybridised further primer of step (g) to produce an
CC elongation product E' using the elongation product B as a template and
CC using nucleotides, where at least 30 % of the nucleotides contain at
CC least one promiscuous base, (i) separating the elongation product B from
CC the elongation product E', (j) hybridising a further primer comprising a
CC nucleobase sequence B' to the target nucleic acid or the elongation
CC product E, (k) elongating the further primer of step (j) to produce
CC another elongation product B using the target nucleic acid or elongation
CC product E as a template and using nucleotides, where at least 30 % of the
CC nucleotides contain at least one promiscuous base, (l) separating product
CC E of step (k) from the target nucleic acid or elongation product B, (m)
CC optionally repeating steps (g) - (l) a sufficient number of times to
CC generate a desired amount of double stranded nucleic acids and (n)
CC determining the elongation product B and/or elongation product E' as a
CC measure of the presence or amount of the analyte, where the lengths of
CC the sequence I and the nucleobase sequence B are chosen such that, when
CC the further primer hybridises to the elongation product B in step (g),
CC the further primer spans a sequence formed by elongation of the
```

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CC hybridised primer of step (e) and overlaps at least a part of the 3'
CC region of the hybridized primer of step (e) by an overlap length. The
CC method is useful determining an analyte in a sample. In particular, the
CC method is useful for generating multiple double stranded nucleic acids.
CC The present sequence is a primer molecule used to exemplify the method of
CC the invention
XX
SQ Sequence 30 BP; 0 A; 0 C; 0 G; 30 T; 0 U; 0 Other;
XX
Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 1.5e+02;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
OY 5393 AAAAAAAAAAAGAAAAATGAAA 5421
DB 30 AAAAAAAAAAAAAAAAAAAAAA 2
RESULT 41
ABK70490/c
ID ABK70490 standard; DNA; 30 BP.
XX
AC ABK70490;
XX
DT 15-JUL-2002 (first entry)
XX
DE In-situ analysis synthetic probe #58.
XX
KM Human; oligonucleotide label-domain; CMV; cytomegalovirus; EBV;
XX Epstein-Barr virus; lambda-immunoglobulin light chain; hapten;
XX kappa-immunoglobulin light chain; repetitive Alu sequence; EBER;
XX Epstein-Barr early RNA; probe; ss.
XX
OS Synthetic.
XX
PN WO200222874-A2.
XX
PD 21-MAR-2002.
XX
PF 06-SBP-2001; 2001WO-US028014.
XX
PR 15-SEP-2000; 2000US-0233177P.
XX
PA (VENT-) VENTANA MEDICAL SYSTEMS INC.
XX
PI Utermohlen JG, Connaughton J;
XX
DR MPI; 2002-371972/40.
XX
PT Novel oligonucleotide label-domain for incorporation into oligonucleotide
XX probes useful for detecting or localizing nucleic acid target genes
XX within a cell or tissue sample.
XX
PS Disclosure; Page 69; 71pp; English.
XX
CC The present invention relates to a new oligonucleotide label-domain
XX comprising the sequence (CATTTT)n and its complement (AAAAATG)n, where
XX n is 1. The probe sets of the invention are useful for detecting kappa or
XX lambda-immunoglobulin light chain mRNA or corresponding heteronuclear
XX RNA, CMV (cytomegalovirus) immediate early RNA, EBV (Epstein-Barr virus)
XX early RNA 1 and RNA 2, and human Alu repetitive satellite genomic
XX sequences. The invention is a useful generic sequence for incorporation
XX into oligonucleotide probes for detecting gene-specific sequences within
XX cells or tissue samples in in situ hybridisation analysis and for
XX attaching a label to immunoglobulins or other proteins for detecting
XX happens and antigens in immunohistochemical analyses. The present nucleic
XX acid sequence represents one of a collection (ABK70376-ABK70501) of
XX oligonucleotide probes that were used in the invention for detecting or
XX localising a plurality nucleic acid target gene or antigen within a cell
XX or tissue sample
SQ Sequence 30 BP; 0 A; 0 C; 0 G; 30 T; 0 U; 0 Other;
```


QY 5389 AATTAAAAATGCAGAAAAAGAAAAA 5415
DB 27 AATTAAAAATGCAGAAAAAGAAAAA 1
RESULT 46
AAH38515/C
ID AAH38515 standard; DNA; 25 BP.
XX
AC AAH38515;
XX
DT 14-AUG-2001 (first entry)
XX
DE SNP specific SNRP primer SEQ ID 1311.
XX
SNP specific SNRP primer SEQ ID 1311.
XX
Single nucleotide polymorphism; SNP; single nucleotide primer extension;
KM SNRP; genotyping; agammaglobulinemia; diabetes insipidus; cancer;
KM Lesch-Nyhan syndrome; muscular dystrophy; familial hypercholesterolaemia;
KM polycystic kidney disease; osteogenesis imperfecta; autoimmune disease;
KM acute intermittent porphyria; rheumatoid arthritis; multiple sclerosis;
KM inflammation; forensic investigation; paternity analysis; primer; ss.
XX
OS Homo sapiens.
XX
PN MO200129262-A2.
XX
PD 26-APR-2001.
XX
PF 13-OCT-2000; 2000MO-US028436.
XX
PR 15-OCT-1999; 99US-0160096P.
XX
PA (ORCH-) ORCHID BIOSCIENCES INC.
XX
PI Picoult-Newburg L, Pohl M;
XX
DR WPI; 2001-290930/30.
XX
PT New genotyping oligonucleotide, useful for detecting the presence,
PT absence or identity of single polynucleotide polymorphism in a nucleic
PT acid sample.
XX
PS Claim 1; Page 56; 83pp; English.
XX
CC Sequences AAH37205 - AAH40944 represent PCR primers, single nucleotide
CC primer extension (SNRP) primers, and the sequences of regions flanking
CC sites of single nucleotide polymorphisms SNPs. The present invention
CC includes kits for determining the presence or absence of a SNP, using the
CC oligonucleotides of the invention. The PCR primers are used to amplify a
CC SNP flanking sequence, the SNPs primer is used as a genotyping primer.
CC The oligonucleotides are useful for genotyping a nucleic acid sample by
CC performing a single-nucleotide primer extension reaction. The
CC oligonucleotides are useful for determining the presence, absence or
CC identity of a SNP and for genotyping nucleic acid samples, for e.g. to
CC assess by association analysis the genotype of an individual or group of
CC individuals, having a pathological phenotypic trait suspected of being
CC caused by one or more SNPs. Phenotypic traits include diseases e.g.
CC agammaglobulinemia, diabetes insipidus, Lesch-Nyhan syndrome, muscular
CC dystrophy, familial hypercholesterolaemia, polycystic kidney disease,
CC osteogenesis imperfecta and acute intermittent porphyria. Phenotypic
CC traits also include symptoms of or susceptibility to multifactorial
CC disease of which a component is or may be genetic such as autoimmune
CC diseases, including, rheumatoid arthritis, multiple sclerosis,
CC inflammation, cancer, nervous system diseases and infection by pathogenic
CC microorganism. The method is also useful in forensic investigations and
CC paternity analysis. The present sequence represents a single nucleotide
CC primer extension (SNRP) primer specific for a human SNP containing DNA
CC sequence
XX
SQ Sequence 25 BP; 1 A; 1 C; 0 G; 23 T; 0 U; 0 Other;
Query Match 0.4%; Score 20.2; DB 1; Length 25;

Best Local Similarity 88.0%; Pred. No. 1.9e+02;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAATGCAGAAAAAGAAAAATG 5417
DB 25 AAAAAATGCAGAAAAAGAAAAATG 1
RESULT 47
AAV71935/C
ID AAV71935 standard; DNA; 27 BP.
XX
AC AAV71935;
XX
DT 18-FEB-1999 (first entry)
XX
DE Anchored poly T RT-PCR primer.
XX
XX Normalised; cDNA library; mRNA cloning; reverse transcription;
KM immobilise; screening; hybridisation; nucleic acid amplification;
KM expression pattern; drug development; PCR primer; RT-PCR; ss.
XX
OS Synthetic.
XX
PN MO9851789-A2.
XX
PD 19-NOV-1998.
XX
PF 13-MAY-1998; 98MO-DK000186.
XX
PR 13-MAY-1997; 97DK-00000547.
PR 19-MAY-1997; 97US-00871030.
PR 27-MAR-1998; 98DK-00000432.
XX
PA (DISP-) DISPLAY SYSTEMS BIOTECH APS.
XX
PI Warthoe PR;
XX
DR WPI; 1999-009772/01.
XX
PT Preparation of normalised, subdivided cDNA libraries from mRNA - by
PT reverse transcription and amplification, used to screen for new genes and
PT interacting proteins, potential drugs, and for diagnosis.
XX
PS Example 1; Page 29; 71pp; English.
XX
XX The invention relates to preparation of a normalised, subdivided library
XX of amplified cDNA from the coding regions of mRNA in a sample. The method
XX involves reverse transcription, with at least one cDNA primer of formula
XX 5'-Con1-dTn2-Vn3-Nn4 to form first strand cDNA where Con1 = any sequence
XX of 1-100 nucleotides; dT = deoxythymidyl; n2 is at least 1; n3 and n4
XX are both 0, or n3 is 1 and n4 is at least 1; followed by second strand
XX cDNA synthesis using the first strand as template and a second cDNA
XX primer of a similar formula, in the presence of DNA polymerase I (or its
XX klenow fragment) and amplification of double-stranded cDNA with a set of
XX amplification primers. Comparison of cDNA in the prepared library with a
XX database (a computer-generated list of molecular weights of restricted
XX DNA fragments of known sequence) is used to determine presence of an
XX expressed protein in a cell, also to detect changes in such expression
XX (particularly for diagnosis of disease). Surfaces (chip) having amplified
XX cDNA stably immobilised on it, obtained by a similar method, are used to
XX screen for genes of a particular family, by hybridisation with nucleic
XX acid from the family (to identify new genes) and to detect differences in
XX expression patterns between cells. The polypeptides expressed by the
XX libraries can be used for drug development. Sequences AAV71935 to
XX AAV71946 represent primers used to exemplify the method of the invention
XX
SQ Sequence 27 BP; 2 A; 0 C; 0 G; 25 T; 0 U; 0 Other;
Query Match 0.4%; Score 20.2; DB 1; Length 27;
Best Local Similarity 88.0%; Pred. No. 1.9e+02;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

YY		5391	TTTTAAAAAATTACAAAAGGAAAAA	5415
Db		27	TTAAAAAATAAAAAAAAAAAAAAAAA	3
RESULT 48				
ID	ACC45160/C		standard; DNA; 20 BP.	
XX	ACC45160;			
DT	16-JUN-2003	(first entry)		
DE	Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:20.			
XX				
KM	Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;			
KM	antisenase therapy; NAC; DEPCAP; hyperproliferative disease; apoptosis;			
KW	death effector filament-forming CBD4-like apoptosis protein;			
KM	neurological disease; infection; inflammation; tumour formation;			
phosphorothioate; ss.				
XX				
OS	Homo sapiens.			
Synthetic.				
Key	Location/Qualifiers			
FT	modified_base	1..20		
FT	/tag= a			
FT	/mod_base= OTHER			
FT	/note= "phosphorothioate backbone"			
FT	modified_base	1..5		
FT	/tag= b			
FT	/mod_base= OTHER			
FT	/note= "2'-O-methoxyethyl (2'-MOE) gapmer"			
FT	modified_base	15..20		
FT	/tag= c			
FT	/mod_base= OTHER			
FT	/note= "2'-O-methoxyethyl (2'-MOE) gapmer"			
PN	WO2003024988-A1.			
PD	27-MAR-2003.			
XX				
PF	19-SEP-2002; 2002WO-US029664.			
XX				
PR	19-SEP-2001; 2001US-00956712.			
PA	(ISIS-) ISIS PHARM INC.			
PI	Bennett CF, Freier SM;			
DR	WPI; 2003-354583/33.			
PS				
XX				
CC	The present invention describes a compound (I) 8-50 nucleobases in length			
CC	targeted to a nucleic acid molecule encoding NAC, where the compound			
CC	specifically hybridizes with the nucleic acid molecule encoding NAC and			
CC	inhibits the expression of NAC. The compound specifically hybridizes with			
CC	at least an 8-nucleobase portion of an active site on a nucleic acid			
CC	molecule encoding NAC. Also described: (1) a composition comprising (I)			
CC	and a pharmaceutical carrier or diluent; (2) inhibiting the expression of			
CC	NAC in cells or tissues comprising contacting the cells or tissues with			
CC	(1); and (3) treating an animal having a disease or condition associated			
CC	with NAC comprising administering (I) to the animal so that expression of			
CC	NAC is inhibited. (I) has cytostatic, neurotropic, neuroprotective and			
CC	antiinflammatory activities, and can be used in antisenase therapy. The			
CC	antisenase compounds (I) are useful for modulating the expression of NAC,			
CC	and for treating a disease or condition associated with expression of			
CC	NAC, e.g., hyperproliferative disease, neurological disease, or a disease			

CC	or disorder arising from aberrant apoptosis. The compounds are also
CC	useful as research reagents and kits, or for diagnostics, therapeutics
CC	and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC	tumour formation. NAC is also known as a death effector filament-forming
CC	CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC	17p13. The present sequence represents a human NAC chimeric
CC	phosphorothioate antisense oligonucleotide, which is given in the
CC	exemplification of the present invention
CC	
XX	Sequence 20 BP; 4 A; 5 C; 6 G; 5 T; 0 U; 0 Other;
XX	
QY	Query Match 0.4%; Score 20; DB 1; Length 20;
QY	Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Db	Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db	503 CTCTTAACTCGGGACAGAG 522
Db	20 CTCTTAACTCGGGACAGAG 1
XX	
RESULT 49	
ACCA5174/c	
ID	ACCA5174 standard; DNA; 20 BP.
AC	ACCA5174;
XX	
DT	16-JUN-2003 (first entry)
XX	
DE	Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:34.
KW	Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KW	antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KW	death effector filament-forming CED4-like apoptosis protein;
KW	neurological disease; infection; inflammation; tumour formation;
KW	phosphorothioate; ss.
XX	
OS	Homo sapiens.
OS	Synthetic.
XX	
FT	Key
FT	Location/Qualifiers
FT	1..20
FT	/*tag= a
FT	/mod_base= OTHER
FT	/note= "phosphorothioate backbone"
FT	1..5
FT	/*tag= b
FT	/mod_base= OTHER
FT	/note= "2'-O-methoxyethyl (2'-MOE) gapper"
FT	16..20
FT	/*tag= c
FT	/mod_base= OTHER
FT	/note= "2'-O-methoxyethyl (2'-MOE) gapper"
XX	
XX	WO2003024988-A1.
XX	
XX	27-MAR-2003.
XX	
XX	19-SEP-2002; 2002WO-US029664.
XX	
XX	19-SEP-2001; 2001US-00956712.
XX	
XX	(ISIS-) ISIS PHARM INC.
XX	
XX	Bennett CF, Freier SM;
XX	
XX	WPI; 2003-354583/33.
XX	
XX	New antisense compounds, useful for modulating the expression of NAC or
XX	for treating a disease or condition associated with the expression of
XX	NAC, e.g. hyperproliferative disease or neurological disease.
XX	
XX	Claim 3; Page 75; 147pp; English.
XX	

CC The present invention describes a compound (1) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridizes with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridizes with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (1)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (1) to the animal so that expression of
CC NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
CC anti-inflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (1) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
SO Sequence 20 BP; 8 A; 4 C; 5 G; 3 T; 0 U; 0 Other;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2905 GCCTATTGGCAGATTCCTT 2924
20 GCCTATTGGCAGATTCCTT 1
Db
RESULT 50
ACCA5201/c
ID ACCA5201 standard; DNA; 20 BP.
XX
ACCA5201;
XX
16-JUN-2003 (first entry)
XX
Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:61.
XX
Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
XX antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
XX death effector filament-forming CED4-like apoptosis protein;
XX neurological disease; infection; inflammation; tumour formation;
XX phosphorothioate; ss.
XX
XX Homo sapiens.
OS Synthetic.
XX
FH Key Location/Qualifiers
FT modified_base 1..20
FT /*tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /*tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /*tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
XX WO2003024988-A1.
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002MO-US023664.

XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freiler SM;
XX
XX WPI; 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
XX for treating a disease or condition associated with the expression of
XX NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Example 15; Page 76; 147pp; English.
XX
CC The present invention describes a compound (1) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridizes with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridizes with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (1)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (1) to the animal so that expression of
CC NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
CC anti-inflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (1) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
XX Sequence 20 BP; 6 A; 2 C; 7 G; 5 T; 0 U; 0 Other;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4747 CCTCAGCTCATTTATGGAAGT 4766
20 CCTCAGCTCATTTATGGAAGT 1
Db
RESULT 51
ACCA5204/c
ID ACCA5204 standard; DNA; 20 BP.
XX
ACCA5204;
XX
16-JUN-2003 (first entry)
XX
Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:64.
XX
Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
XX antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
XX death effector filament-forming CED4-like apoptosis protein;
XX neurological disease; infection; inflammation; tumour formation;
XX phosphorothioate; ss.
XX
XX Homo sapiens.
OS Synthetic.
XX
FH Key Location/Qualifiers
FT modified_base 1..20
FT /*tag= a
FT /mod_base= OTHER

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PT modified_base /note= "phosphorothioate backbone"
PT 1..5 /tag= b
PT /mod_base= OTHER
PT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
PT modified_base 16..20
PT /tag= c
PT /mod_base= OTHER
PT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
PN WO2003024988-A1.
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freier SM;
XX
XX WPI; 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
XX for treating a disease or condition associated with the expression of
XX NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Claim 3; Page 76; 147pp; English.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
XX targeted to a nucleic acid molecule encoding NAC, where the compound
XX specifically hybridises with the nucleic acid molecule encoding NAC and
XX inhibits the expression of NAC. The compound specifically hybridises with
XX at least an 8-nucleobase portion of an active site on a nucleic acid
XX molecule encoding NAC. Also described: (1) a composition comprising (I)
XX and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
XX NAC in cells or tissues comprising contacting the cells or tissues with
XX (I); and (3) treating an animal having a disease or condition associated
XX with NAC comprising administering (I) to the animal so that expression of
XX NAC is inhibited. (I) has cytostatic, neurotropic, neuroprotective and
XX antiinflammatory activities, and can be used in antisense therapy. The
XX antisense compounds (I) are useful for modulating the expression of NAC,
XX and for treating a disease or condition associated with expression of
XX NAC, e.g. hyperproliferative disease, neurological disease, or a disease
XX or disorder arising from aberrant apoptosis. The compounds are also
XX useful as research reagents and kits, or for diagnostics, inflammation or
XX tumour formation. NAC is also known as a death effector filament-forming
XX CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
XX 17p13. The present sequence represents a human NAC chimeric
XX phosphorothioate antisense oligonucleotide, which is given in the
XX exemplification of the present invention
XX
XX Sequence 20 BP; 7 A; 5 C; 6 G; 2 T; 0 U; 0 Other;
SQ
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4832 GACCCCTTGAGTCCTGCTTT 4851
DB 20 GACCCCTTGAGTCCTGCTTT 1
RESULT 52
ID ACC45183/c
XX ACC45183 standard; DNA; 20 BP.
XX
XX ACC45183;
XX
XX 16-JUN-2003 (first entry)
XX
```

```
DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:43.
XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
XX antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
XX death effector filament-forming CED4-like apoptosis protein;
XX neurological disease; infection; inflammation; tumour formation;
XX phosphorothioate; ss.
XX
XX Homo sapiens.
OS Synthetic.
XX
XX Key Location/Qualifiers
FH modified_base 1..20
FT /tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
XX WO2003024988-A1.
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freier SM;
XX
XX WPI; 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
XX for treating a disease or condition associated with the expression of
XX NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Example 15; Page 75; 147pp; English.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
XX targeted to a nucleic acid molecule encoding NAC, where the compound
XX specifically hybridises with the nucleic acid molecule encoding NAC and
XX inhibits the expression of NAC. The compound specifically hybridises with
XX at least an 8-nucleobase portion of an active site on a nucleic acid
XX molecule encoding NAC. Also described: (1) a composition comprising (I)
XX and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
XX NAC in cells or tissues comprising contacting the cells or tissues with
XX (I); and (3) treating an animal having a disease or condition associated
XX with NAC comprising administering (I) to the animal so that expression of
XX NAC is inhibited. (I) has cytostatic, neurotropic, neuroprotective and
XX antiinflammatory activities, and can be used in antisense therapy. The
XX antisense compounds (I) are useful for modulating the expression of NAC,
XX and for treating a disease or condition associated with expression of
XX NAC, e.g. hyperproliferative disease, neurological disease, or a disease
XX or disorder arising from aberrant apoptosis. The compounds are also
XX useful as research reagents and kits, or for diagnostics, inflammation or
XX tumour formation. NAC is also known as a death effector filament-forming
XX CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
XX 17p13. The present sequence represents a human NAC chimeric
XX phosphorothioate antisense oligonucleotide, which is given in the
XX exemplification of the present invention
XX
XX Sequence 20 BP; 2 A; 5 C; 5 G; 8 T; 0 U; 0 Other;
SQ
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
XX
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```
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 3473 TCAGCAGACGGAACCAAGT 3492
Db 20 TCAGCAGACGGAACCAAGT 1
RESULT 53
ACC45192/c
ID ACC45192 standard; DNA; 20 BP.
XX
AC
ACCA45192,
XX
16-JUN-2003 (first entry)
DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:52.
XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KM anti-sense therapy; NAC; DFFCAP; hyperproliferative disease; apoptosis;
KM death effector filament-forming CED4-like apoptosis protein;
KM neurological disease; infection; inflammation; tumour formation;
KM phosphorothioate; ss.
XX
OS Homo sapiens.
XX Synthetic.
XX
FH Key Location/Qualifiers
FT modified_base 1..20
FT /tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
PN WO2003024988-A1.
XX
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freiler SM,
XX
XX WPI; 2003-354583/33.
XX
XX
XX New antisense compounds, useful for modulating the expression of NAC or
PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Example 15; Page 76; 147pp; English.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridizes with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridizes with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (I)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (I); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (I) to the animal so that expression of
CC NAC is inhibited. (I) has cytostatic, neurotropic, neuroprotective and
CC anti-inflammatory activities, and can be used in anti-sense therapy. The
CC anti-sense compounds (I) are useful for modulating the expression of NAC,
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CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DFFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate anti-sense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
SQ Sequence 20 BP; 3 A; 7 C; 4 G; 6 T; 0 U; 0 Other;
XX
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 4296 CATTCCGAGGAACTGAGC 4315
Db 20 CATTCCGAGGAACTGAGC 1
RESULT 54
ACC45194/c
ID ACC45194 standard; DNA; 20 BP.
XX
AC
ACCA45194,
XX
16-JUN-2003 (first entry)
DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:54.
XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KM anti-sense therapy; NAC; DFFCAP; hyperproliferative disease; apoptosis;
KM death effector filament-forming CED4-like apoptosis protein;
KM neurological disease; infection; inflammation; tumour formation;
KM phosphorothioate; ss.
XX
XX Homo sapiens.
XX Synthetic.
XX
FH Key Location/Qualifiers
FT modified_base 1..20
FT /tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
PN WO2003024988-A1.
XX
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freiler SM,
XX
XX WPI; 2003-354583/33.
XX
XX
XX New antisense compounds, useful for modulating the expression of NAC or
PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.
```

PS Claim 3; Page 76; 147p; English.

XX The present invention describes a compound (1) 8-50 nucleobases in length
XX targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridizes with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridizes with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (1)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (1) to the animal so that expression of
CC NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (1) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention

XX Sequence 20 BP; 4 A; 6 C; 2 G; 8 T; 0 U; 0 Other;

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4405 AAGAAAGATGACACTCTGCT 4424
DB 20 AAGAAAGATGACACTCTGCT 1

RESULT 55
ACC45157/c
ID ACC45157 standard; DNA; 20 BP.

XX AC AC45157;
XX
XX 16-JUN-2003 (first entry)
XX
XX Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:17.
XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KM antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KM death effector filament-forming CED4-like apoptosis protein;
KM neurological disease; infection; inflammation; tumour formation;
XX phosphorothioate; ss.
XX
XX Homo sapiens.
OS Synthetic.
OS
XX
XX Key Location/Qualifiers
FH modified_base 1..20
FT /tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
XX WO2003024988-A1.
XX
XX 27-MAR-2003.

XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freier SM;
PI
XX WPI; 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.

XX Example 15; Page 75; 147p; English.

XX The present invention describes a compound (1) 8-50 nucleobases in length
XX targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridizes with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridizes with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (1)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (1) to the animal so that expression of
CC NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (1) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of NAC,
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention

XX Sequence 20 BP; 7 A; 2 C; 9 G; 2 T; 0 U; 0 Other;

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 334 TGGCTTTTCTTACCACTCCC 353
DB 20 TGGCTTTTCTTACCACTCCC 1

RESULT 56
ACC45184/c
ID ACC45184 standard; DNA; 20 BP.

XX AC AC45184;
XX
XX 16-JUN-2003 (first entry)
XX
XX Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:44.
XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KM antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KM death effector filament-forming CED4-like apoptosis protein;
KM neurological disease; infection; inflammation; tumour formation;
XX phosphorothioate; ss.
XX
XX Homo sapiens.
OS Synthetic.
OS
XX
XX Key Location/Qualifiers
FH modified_base 1..20

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FT FT /*tag= a
FT FT /mod_base= OTHER
FT FT /note= "phosphorothioate backbone"
FT FT modified_base
FT FT 1..5
FT FT /*tag= b
FT FT /mod_base= OTHER
FT FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT FT modified_base
FT FT 16..20
FT FT /*tag= c
FT FT /mod_base= OTHER
FT FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX XX
XX XX WO2003024988-A1.
XX XX
XX XX 27-MAR-2003.
XX XX
XX XX 19-SEP-2002; 2002WO-US029664.
XX XX
XX XX 19-SEP-2001; 2001US-00956712.
XX XX
XX XX (ISIS-) ISIS PHARM INC.
XX XX
XX XX Bennett CP, Freier SM;
XX XX
XX XX MPI; 2003-354583/33.
XX XX
XX XX New antisense compounds, useful for modulating the expression of NAC or
XX XX for treating a disease or condition associated with the expression of
XX XX NAC, e.g. hyperproliferative disease or neurological disease.
XX XX
XX XX Claim 3; Page 75; 147pp; English.
XX XX
XX XX The present invention describes a compound (1) 8-50 nucleobases in length
XX XX targeted to a nucleic acid molecule encoding NAC, where the compound
XX XX specifically hybridises with the nucleic acid molecule encoding NAC and
XX XX inhibits the expression of NAC. The compound specifically hybridises with
XX XX at least an 8-nucleobase portion of an active site on a nucleic acid
XX XX molecule encoding NAC. Also described: (1) a composition comprising (1)
XX XX and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
XX XX NAC in cells or tissues comprising contacting the cells or tissues with
XX XX (1); and (3) treating an animal having a disease or condition associated
XX XX with NAC comprising administering (1) to the animal so that expression of
XX XX NAC is inhibited. (1) has cytosaric, nootropic, neuroprotective and
XX XX antiinflammatory activities, and can be used in antisense therapy. The
XX XX antisense compounds (1) are useful for modulating the expression of NAC,
XX XX and for treating a disease or condition associated with expression of
XX XX NAC, e.g. hyperproliferative disease, neurological disease, or a disease
XX XX or disorder arising from aberrant apoptosis. The compounds are also
XX XX useful as research reagents and kits, or for diagnostics, therapeutics
XX XX and prophylaxis, e.g. to prevent or delay infection, inflammation or
XX XX tumour formation. NAC is also known as a death effector filament-forming
XX XX CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
XX XX 17p13. The present sequence represents a human NAC chimeric
XX XX phosphorothioate antisense oligonucleotide, which is given in the
XX XX exemplification of the present invention
XX XX
XX XX Sequence 20 BP; 3 A; 5 C; 7 G; 5 T; 0 U; 0 Other;
XX XX
XX XX Query Match 0.4%; Score 20; DB 1; Length 20;
XX XX Best Local Similarity 100.0%; Pred. No. 1.9e+02;
XX XX Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX XX
XX XX 3544 TCCTCACTCAAGCGCAGAG 3563
XX XX |||||||
XX XX 20 TCCTCACTCAAGCGCAGAG 1
XX XX
XX XX RESULT 57
XX XX ACC45156/c
XX XX ID ACC45156 standard; DNA; 20 BP.
XX XX
XX XX AC ACC45156;
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DT 16-JUN-2003 (first entry)
XX XX
XX XX Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:16.
DE
XX XX
XX XX Human; cytostatic; nootropic; neuroprotective; antiinflammatory;
XX XX antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
XX XX death effector filament-forming CED4-like apoptosis protein;
XX XX neurological disease; infection; inflammation; tumour formation;
XX XX phosphorothioate; ss.
XX XX
XX XX Homo sapiens.
XX XX
XX XX Synthetic.
XX XX
XX XX Key Location/Qualifiers
XX XX
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XX XX
XX XX modified_base 1..5
XX XX /*tag= b
XX XX /mod_base= OTHER
XX XX /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX XX
XX XX modified_base 16..20
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XX XX /mod_base= OTHER
XX XX /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX XX
XX XX WO2003024988-A1.
XX XX
XX XX 27-MAR-2003.
XX XX
XX XX 19-SEP-2002; 2002WO-US029664.
XX XX
XX XX 19-SEP-2001; 2001US-00956712.
XX XX
XX XX (ISIS-) ISIS PHARM INC.
XX XX
XX XX Bennett CP, Freier SM;
XX XX
XX XX MPI; 2003-354583/33.
XX XX
XX XX New antisense compounds, useful for modulating the expression of NAC or
XX XX for treating a disease or condition associated with the expression of
XX XX NAC, e.g. hyperproliferative disease or neurological disease.
XX XX
XX XX Claim 3; Page 75; 147pp; English.
XX XX
XX XX The present invention describes a compound (1) 8-50 nucleobases in length
XX XX targeted to a nucleic acid molecule encoding NAC, where the compound
XX XX specifically hybridises with the nucleic acid molecule encoding NAC and
XX XX inhibits the expression of NAC. The compound specifically hybridises with
XX XX at least an 8-nucleobase portion of an active site on a nucleic acid
XX XX molecule encoding NAC. Also described: (1) a composition comprising (1)
XX XX and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
XX XX NAC in cells or tissues comprising contacting the cells or tissues with
XX XX (1); and (3) treating an animal having a disease or condition associated
XX XX with NAC comprising administering (1) to the animal so that expression of
XX XX NAC is inhibited. (1) has cytosaric, nootropic, neuroprotective and
XX XX antiinflammatory activities, and can be used in antisense therapy. The
XX XX antisense compounds (1) are useful for modulating the expression of NAC,
XX XX and for treating a disease or condition associated with expression of
XX XX NAC, e.g. hyperproliferative disease, neurological disease, or a disease
XX XX or disorder arising from aberrant apoptosis. The compounds are also
XX XX useful as research reagents and kits, or for diagnostics, therapeutics
XX XX and prophylaxis, e.g. to prevent or delay infection, inflammation or
XX XX tumour formation. NAC is also known as a death effector filament-forming
XX XX CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
XX XX 17p13. The present sequence represents a human NAC chimeric
XX XX phosphorothioate antisense oligonucleotide, which is given in the
XX XX exemplification of the present invention
XX XX
XX XX Sequence 20 BP; 2 A; 5 C; 4 G; 9 T; 0 U; 0 Other;
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Best Local Similarity	100.0%	Pred. No. 1.9e+02		
Matches 20	Conservative 0	Mismatches 0	Indels 0	Gaps 0
Oy 169 ATCTGAGACACGACGACG 188 Db 20 ATCTGAGACACGACGACG 1				
RESULT 58				
ACC45163/c				
ACC45163 standard; DNA; 20 BP.				
ACC45163;				
16-JUN-2003 (first entry)				
Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:23.				
Human; cytosolic; neurotropic; neuroprotective; antiinflammatory; antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis; death effector filament-forming CBD4-like apoptosis protein; neurological disease; infection; inflammation; tumour formation; phosphorothioate; ss.				
Homo sapiens.				
Synthetic.				
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modified_base	16..20			
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WO2003024988-A1.				
27-MAR-2003.				
19-SEP-2002; 2002WO-US029664.				
19-SEP-2001; 2001US-00956712.				
(ISIS-) ISIS PHARM INC.				
Bennett CF, Freier SM;				
WPI, 2003-354583/33.				
New antisense compounds, useful for modulating the expression of NAC or for treating a disease or condition associated with the expression of NAC, e.g. hyperproliferative disease or neurological disease.				
Claim 3; Page 75; 147pp; English.				

CC	antiinflammatory activities, and can be used in antisense therapy.
CC	The antiinflammatory compounds (I) are useful for modulating the expression of NAC,
CC	antisense compounds (II) are useful for modulating the expression of NAC,
CC	and for treating a disease or condition associated with expression of
CC	NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC	or disorder arising from aberrant apoptosis. The compounds are also
CC	useful as research reagents and kits, or for diagnostics, therapeutics
CC	and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC	tumour formation. NAC is also known as a death effector filament-forming
CC	CED-3-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC	17p13. The present sequence represents a human NAC chimeric
CC	phosphorothioate antisense oligonucleotide, which is given in the
CC	exemplification of the present invention
SQ	Sequence 20 BP; 4 A; 7 C; 5 G; 4 T; 0 U; 0 Other;
Oy	Query Match 0.4%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 1.9e+02; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Dn	883 ATCCATGATTGCCGGCGGG 902 20 ATCCATGATTGCCGGCGGG 1
RESULT 59	
ID	ACC45169/C
XX	ACC45169 standard; DNA; 20 BP.
AC	ACC45169;
XX	
DT	16-JUN-2003 (first entry)
XX	
DE	Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:29.
XX	
KM	Human; cyrostatic; nocrotropic; neuroprotective; antiinflammatory;
KM	antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KM	death effector filament-forming CED4-like apoptosis protein;
KM	neurological disease; infection; inflammation; tumour formation;
KM	phosphorothioate; ss.
OS	Homo sapiens.
OS	Synthetic.
FH	
FT	Key Location/Qualifiers
FT	modified_base 1..20
FT	/tag= a
FT	/mod_base= OTHER
FT	/note= "phosphorothioate backbone"
FT	modified_base 1..5
FT	/tag= b
FT	/mod_base= OTHER
FT	/note= "2'-O-methoxyethyl (2'-MOB) gapmer"
FT	modified_base 16..20
FT	/tag= c
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FT	/note= "2'-O-methoxyethyl (2'-MOB) gapmer"
PN	WO2003024988-A1.
PD	27-MAR-2003.
PF	19-SEP-2002; 2002WO-US029664.
PR	19-SEP-2001; 2001US-00956712.
PA	(ISIS-) ISIS PHARM INC.
PI	Bennett CF, Freier SM;
DR	WPI, 2003-354583/33.
PT	New antisense compounds, useful for modulating the expression of NAC or
PT	for treating a disease or condition associated with the expression of

PT NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Claim 3; Page 75; 147bp; English.
XX
XX The present invention describes a compound (1) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridizes with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridizes with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (1)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (1) to the animal so that expression of
CC NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (1) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
SQ Sequence 20 BP; 2 A; 8 C; 6 G; 4 T; 0 U; 0 Other;
XX
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;
XX
QY 1625 GCTGCAGAGAGCTGCCGAC 1644
Db 20 GCTGCAGAGAGCTGCCGAC 1
XX
RESULT 60
ACCA5171/c
ID ACCA5171 standard; DNA; 20 BP.
XX
XX ACCA5171;
AC
XX 16-JUN-2003 (first entry)
DT
XX
XX Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:31.
DE
XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CED4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW phosphorothioate; ss.
XX
XX Homo sapiens.
OS Synthetic.
OS
XX
XX Key Location/Qualifiers
FH modified_base 1..20 /*tag= a
FT /*tag= a
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FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
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XX
XX WO2003024988-A1.

XX
PD 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
PF
XX 19-SEP-2001; 2001US-00956712.
PR
XX (ISIS-) ISIS PHARM INC.
PA
XX Bennett CF, Freiler SM;
PI
XX WPI; 2003-354583/33.
DR
XX
XX New antisense compounds, useful for modulating the expression of NAC or
PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Claim 3; Page 75; 147bp; English.
XX
XX The present invention describes a compound (1) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridizes with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridizes with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (1)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (1) to the animal so that expression of
CC NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (1) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
SQ Sequence 20 BP; 6 A; 5 C; 3 G; 6 T; 0 U; 0 Other;
XX
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;
XX
QY 2499 ATATGGAATACATGGCCGT 2518
Db 20 ATATGGAATACATGGCCGT 1
XX
RESULT 61
ACCA5189/c
ID ACCA5189 standard; DNA; 20 BP.
XX
XX ACCA5189;
AC
XX 16-JUN-2003 (first entry)
DT
XX
XX Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:49.
DE
XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CED4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW phosphorothioate; ss.
XX
XX Homo sapiens.
OS Synthetic.
OS
XX
XX WO2003024988-A1.

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FH Key Location/Qualifiers
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FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX WO2003024988-A1.
XX 27-MAR-2003.
XX 19-SEP-2002; 2002WO-US029664.
XX 19-SEP-2001; 2001US-00956712.
XX (ISIS-) ISIS PHARM INC.
XX Bennett CF, Freier SM;
XX WPI; 2003-354583/33.
XX New antisense compounds, useful for modulating the expression of NAC or
XX for treating a disease or condition associated with the expression of
XX NAC, e.g. hyperproliferative disease or neurological disease.
XX Example 15; Page 75; 147pp; English.
XX The present invention describes a compound (I) 8-50 nucleobases in length
XX targeted to a nucleic acid molecule encoding NAC, where the compound
XX specifically hybridizes with the nucleic acid molecule encoding NAC and
XX inhibits the expression of NAC. The compound specifically hybridizes with
XX at least an 8-nucleobase portion of an active site on a nucleic acid
XX molecule encoding NAC. Also described: (1) a composition comprising (I)
XX and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
XX NAC in cells or tissues comprising contacting the cells or tissues with
XX (I); and (3) treating an animal having a disease or condition associated
XX with NAC comprising administering (I) to the animal so that expression of
XX NAC is inhibited. (I) has cytosstatic, neurotropic, neuroprotective and
XX antiinflammatory activities, and can be used in antisense therapy. The
XX antisense compounds (I) are useful for modulating the expression of NAC,
XX and for treating a disease or condition associated with expression of
XX NAC, e.g. hyperproliferative disease, neurological disease, or a disease
XX or disorder arising from aberrant apoptosis. The compounds are also
XX useful as research reagents and kits, or for diagnostics, therapeutics
XX and prophylaxis, e.g. to prevent or delay infection, inflammation or
XX tumour formation. NAC is also known as a death effector filament-forming
XX CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
XX 17p13. The present sequence represents a human NAC chimeric
XX phosphorothioate antisense oligonucleotide, which is given in the
XX exemplification of the present invention
XX Sequence 20 BP; 4 A; 7 C; 6 G; 3 T; 0 U; 0 Other;
XX
XX Query Match 0.4%; Score 20; DB 1; Length 20;
XX Best Local Similarity 100.0%; Pred. No. 1.9e+02;
XX Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX 4033 GCTCTCCAGGGGGCCATGT 4052
XX 20 GCTCTCCAGGGGGCCATGT 1
XX
XX RESULT 62
XX ACC45162/c
XX ID ACC45162 standard; DNA; 20 BP.
XX
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```

AC ACC45162;
XX 16-JUN-2003 (first entry)
XX
XX Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:22.
XX
XX Human; cytosstatic; neurotropic; neuroprotective; antiinflammatory;
XX antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
XX death effector filament-forming CED4-like apoptosis protein;
XX neurological disease; infection; inflammation; tumour formation;
XX phosphorothioate; ss.
XX Homo sapiens.
XX Synthetic.
XX
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XX /mod_base= OTHER
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XX modified_base 1..5
XX /tag= b
XX /mod_base= OTHER
XX /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX modified_base 16..20
XX /tag= c
XX /mod_base= OTHER
XX /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX WO2003024988-A1.
XX 27-MAR-2003.
XX 19-SEP-2002; 2002WO-US029664.
XX 19-SEP-2001; 2001US-00956712.
XX (ISIS-) ISIS PHARM INC.
XX Bennett CF, Freier SM;
XX WPI; 2003-354583/33.
XX New antisense compounds, useful for modulating the expression of NAC or
XX for treating a disease or condition associated with the expression of
XX NAC, e.g. hyperproliferative disease or neurological disease.
XX Claim 3; Page 75; 147pp; English.
XX The present invention describes a compound (I) 8-50 nucleobases in length
XX targeted to a nucleic acid molecule encoding NAC, where the compound
XX specifically hybridizes with the nucleic acid molecule encoding NAC and
XX inhibits the expression of NAC. The compound specifically hybridizes with
XX at least an 8-nucleobase portion of an active site on a nucleic acid
XX molecule encoding NAC. Also described: (1) a composition comprising (I)
XX and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
XX NAC in cells or tissues comprising contacting the cells or tissues with
XX (I); and (3) treating an animal having a disease or condition associated
XX with NAC comprising administering (I) to the animal so that expression of
XX NAC is inhibited. (I) has cytosstatic, neurotropic, neuroprotective and
XX antiinflammatory activities, and can be used in antisense therapy. The
XX antisense compounds (I) are useful for modulating the expression of NAC,
XX and for treating a disease or condition associated with expression of
XX NAC, e.g. hyperproliferative disease, neurological disease, or a disease
XX or disorder arising from aberrant apoptosis. The compounds are also
XX useful as research reagents and kits, or for diagnostics, therapeutics
XX and prophylaxis, e.g. to prevent or delay infection, inflammation or
XX tumour formation. NAC is also known as a death effector filament-forming
XX CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
XX 17p13. The present sequence represents a human NAC chimeric
XX phosphorothioate antisense oligonucleotide, which is given in the
XX exemplification of the present invention
XX
```

Sequence 20 BP, 3 A, 6 C, 9 G, 2 T, 0 U, 0 Other;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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20 GGCCTGGAGACCTAGCCCTCC 1
Db 20 GGCCTGGAGACCTAGCCCTCC 1

RESULT 63
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ID ACC45205 standard; DNA; 20 BP.
XX
AC ACC45205;
XX
DT 16-JUN-2003 (first entry)
XX
DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:65.
XX
KW Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CED4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW phosphorothioate; ss.
XX
OS Homo sapiens.
XX Synthetic.
XX
FH Key Location/Qualifiers
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FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
PN WO2003024988-A1.
XX
PD 27-MAR-2003.
XX
PF 19-SEP-2002; 2002WO-US029664.
XX
PR 19-SEP-2001; 2001US-00956712.
XX
PA (ISIS-) ISIS PHARM INC.
XX
PI Bennett CF, Freier SM;
XX
DR WPI, 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Claim 3; Page 76; 147pp; English.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridises with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridises with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (I)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated

CC with NAC comprising administering (I) to the animal so that expression of
CC NAC is inhibited. (I) has cytostatic, neurotropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (I) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
SQ Sequence 20 BP, 6 A, 3 C, 6 G, 5 T, 0 U, 0 Other;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Dy 4908 TTGCCTTCAGCAGCTAAAGT 4927
20 TTGCCTTCAGCAGCTAAAGT 1
Db 20 TTGCCTTCAGCAGCTAAAGT 1

RESULT 64
ACC45164/c
ID ACC45164 standard; DNA; 20 BP.
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AC ACC45164;
XX
DT 16-JUN-2003 (first entry)
XX
DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:24.
XX
KW Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CED4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW phosphorothioate; ss.
XX
OS Homo sapiens.
XX Synthetic.
XX
FH Key Location/Qualifiers
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FT /*tag= a
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FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
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FT /*tag= c
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FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
PN WO2003024988-A1.
XX
PD 27-MAR-2003.
XX
PF 19-SEP-2002; 2002WO-US029664.
XX
PR 19-SEP-2001; 2001US-00956712.
XX
PA (ISIS-) ISIS PHARM INC.
XX
PI Bennett CF, Freier SM;
XX
DR WPI, 2003-354583/33.
XX

```

PT New antisense compounds, useful for modulating the expression of NAC or
PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Claim 3; Page 75; 147pp; English.
XX
CC The present invention describes a compound (1) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridises with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridises with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (1)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (1) to the animal so that expression of
CC NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (1) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
SQ Sequence 20 BP; 4 A; 9 C; 2 G; 5 T; 0 U; 0 Other;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 912 GGGCTCAGAGAGAGGGTTT 931
DB 20 GGGCTCAGAGAGAGGGTTT 1
RESULT 65
ACCA45185/C
ID ACCA45185 standard; DNA; 20 BP.
XX
AC ACCA45185;
XX
DT 16-JUN-2003 (first entry)
XX
DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:45.
XX
KW Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CED4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW phosphorothioate; ss.
XX
XX Homo sapiens.
OS Synthetic.
XX
FH Key Location/Qualifiers
FT modified_base 1..20 /*tag= a
FT /*mod_base= OTHER
FT /*note= "phosphorothioate backbone"
FT modified_base 1..5 /*tag= b
FT /*mod_base= OTHER
FT /*note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20 /*tag= c
FT /*mod_base= OTHER
FT /*note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT
FT

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XX
XX WO2003024988-A1.
XX
XX 27-MAR-2003.
XX
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freiler SM;
XX
XX WPI; 2003-354583/33.
XX
XX
XX New antisense compounds, useful for modulating the expression of NAC or
XX for treating a disease or condition associated with the expression of
XX NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Claim 3; Page 75; 147pp; English.
XX
XX
CC The present invention describes a compound (1) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridises with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridises with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (1)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (1) to the animal so that expression of
CC NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (1) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
XX
SQ Sequence 20 BP; 6 A; 4 C; 8 G; 2 T; 0 U; 0 Other;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 3701 CTTCTCTGCTCTCAAGG 3720
DB 20 CTTCTCTGCTCTCAAGG 1
RESULT 66
ACCA45193/C
ID ACCA45193 standard; DNA; 20 BP.
XX
AC ACCA45193;
XX
DT 16-JUN-2003 (first entry)
XX
DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:53.
XX
KW Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CED4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW phosphorothioate; ss.
XX
XX Homo sapiens.
OS

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OS Synthetic.
XX Key Location/Qualifiers
XX modified_base 1..20
FT /tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
XX WO2003024988-A1.
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freiler SM;
XX
XX WPI; 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
XX PT for treating a disease or condition associated with the expression of
XX PT NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Claim 3; Page 76; 147pp; English.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
XX CC targeted to a nucleic acid molecule encoding NAC, where the compound
XX CC specifically hybridises with the nucleic acid molecule encoding NAC and
XX CC inhibits the expression of NAC. The compound specifically hybridises with
XX CC at least an 8-nucleobase portion of an active site on a nucleic acid
XX CC molecule encoding NAC. Also described: (1) a composition comprising (I)
XX CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
XX CC NAC in cells or tissues comprising contacting the cells or tissues with
XX CC (I); and (3) treating an animal having a disease or condition associated
XX CC with NAC comprising administering (I) to the animal so that expression of
XX CC NAC is inhibited. (I) has cytosstatic, neurotropic, neuroprotective and
XX CC antiinflammatory activities, and can be used in antisense therapy. The
XX CC antisense compounds (I) are useful for modulating the expression of NAC,
XX CC and for treating a disease or condition associated with expression of
XX CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
XX CC useful as research reagents and kits, or for diagnostics, therapeutics
XX CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
XX CC tumour formation. NAC is also known as a death effector filament-forming
XX CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
XX CC 17p13. The present sequence represents a human NAC chimERIC
XX CC phosphorothioate antisense oligonucleotide, which is given in the
XX CC exemplification of the present invention
XX
XX Sequence 20 BP; 5 A; 5 C; 5 G; 5 T; 0 U; 0 Other;
XX
XX Query Match 0.4%; Score 20; DB 1; Length 20;
XX Best Local Similarity 100.0%; Pred. No. 1.9e+02;
XX Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 4307 AACGAGAGCTCTGCTATCGA 4326
XX |||||||
XX Db 20 AACGAGAGCTCTGCTATCGA 1
```

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ID ACC45195 standard; DNA; 20 BP.
XX
XX ACC45195;
XX
XX 16-UTN-2003 (first entry)
XX
XX Human NAC chimERIC phosphorothioate oligonucleotide SEQ ID NO:55.
XX
XX Human; cytosstatic; neurotropic; neuroprotective; antiinflammatory;
XX KM antisense therapy; NAC, DEFCAP, hyperproliferative disease; apoptosis;
XX KM death effector filament-forming CED4-like apoptosis protein;
XX KM neurological disease; infection; inflammation; tumour formation;
XX KM phosphorothioate; ss.
XX
XX Homo sapiens.
XX
XX Synthetic.
XX
XX Key Location/Qualifiers
XX modified_base 1..20
FT /tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
XX WO2003024988-A1.
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freiler SM;
XX
XX WPI; 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
XX PT for treating a disease or condition associated with the expression of
XX PT NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Claim 3; Page 76; 147pp; English.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
XX CC targeted to a nucleic acid molecule encoding NAC, where the compound
XX CC specifically hybridises with the nucleic acid molecule encoding NAC and
XX CC inhibits the expression of NAC. The compound specifically hybridises with
XX CC at least an 8-nucleobase portion of an active site on a nucleic acid
XX CC molecule encoding NAC. Also described: (1) a composition comprising (I)
XX CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
XX CC NAC in cells or tissues comprising contacting the cells or tissues with
XX CC (I); and (3) treating an animal having a disease or condition associated
XX CC with NAC comprising administering (I) to the animal so that expression of
XX CC NAC is inhibited. (I) has cytosstatic, neurotropic, neuroprotective and
XX CC antiinflammatory activities, and can be used in antisense therapy. The
XX CC antisense compounds (I) are useful for modulating the expression of NAC,
XX CC and for treating a disease or condition associated with expression of
XX CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
XX CC useful as research reagents and kits, or for diagnostics, therapeutics
XX CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
XX CC tumour formation. NAC is also known as a death effector filament-forming
XX CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
XX CC 17p13. The present sequence represents a human NAC chimERIC
XX CC phosphorothioate antisense oligonucleotide, which is given in the
```

CC exemplification of the present invention
XX Sequence 20 BP; 3 A; 7 C; 4 G; 6 T; 0 U; 0 Other;
SQ Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4432 GCCTGTGTAACACGAGAA 4451
DB 20 GCCTGTGTAACACGAGAA 1
RESULT 68
ACC45197/c
ID ACC45197 standard; DNA; 20 BP.
AC ACC45197;
XX 16-JUN-2003 (first entry)
XX Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:57.
DE Human; cytosolic; neurotropic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CED4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW phosphorothioate; ss.
XX Homo sapiens.
OS Synthetic.
XX Key Location/Qualifiers
FH modified_base 1..20
FT /+tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /+tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /+tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX MO2003024988-A1.
XX 27-MAR-2003.
XX 19-SEP-2002; 2002WO-US029664.
XX 19-SEP-2001; 2001US-00956712.
XX (ISIS-) ISIS PHARM INC.
XX Bennett CF, Freier SM;
XX WPI, 2003-354583/33.
XX New antisense compounds, useful for modulating the expression of NAC or
XX for treating a disease or condition associated with the expression of
XX NAC, e.g. hyperproliferative disease or neurological disease.
XX Example 15; Page 76; 147pp; English.
XX The present invention describes a compound (1) 8-50 nucleobases in length
XX targeted to a nucleic acid molecule encoding NAC, where the compound
XX specifically hybridises with the nucleic acid molecule encoding NAC and
XX inhibits the expression of NAC. The compound specifically hybridises with
XX at least an 8-nucleobase portion of an active site on a nucleic acid
XX molecule encoding NAC. Also described: (1) a composition comprising (1)
XX and a pharmaceutical carrier or diluent; (2) inhibiting the expression of

CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (1) to the animal so that expression of
CC NAC is inhibited. (1) has cytosolic, neurotropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (1) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX Sequence 20 BP; 4 A; 4 C; 9 G; 3 T; 0 U; 0 Other;
SQ Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4483 GCCCGCATGCCGTACCTTC 4502
DB 20 GCCCGCATGCCGTACCTTC 1
RESULT 69
ACC45207/c
ID ACC45207 standard; DNA; 20 BP.
AC ACC45207;
XX 16-JUN-2003 (first entry)
XX Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:67.
DE Human; cytosolic; neurotropic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CED4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW phosphorothioate; ss.
XX Homo sapiens.
OS Synthetic.
XX Key Location/Qualifiers
FH modified_base 1..20
FT /+tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /+tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /+tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX MO2003024988-A1.
XX 27-MAR-2003.
XX 19-SEP-2002; 2002WO-US029664.
XX 19-SEP-2001; 2001US-00956712.
XX (ISIS-) ISIS PHARM INC.
XX Bennett CF, Freier SM;
XX

DR	WPI, 2003-354583/33.
XX	New antisense compounds, useful for modulating the expression of NAC or
XX	for treating a disease or condition associated with the expression of
PT	NAC, e.g. hyperproliferative disease or neurological disease.
XX	
P8	Claim 3; Page 76; 147pp; English.
XX	
CC	The present invention describes a compound (I) 8-50 nucleobases in length
CC	targeted to a nucleic acid molecule encoding NAC, where the compound
CC	specifically hybridises with the nucleic acid molecule encoding NAC and
CC	inhibits the expression of NAC. The compound specifically hybridises with
CC	at least an 8-nucleobase portion of an active site on a nucleic acid
CC	molecule encoding NAC. Also described: (1) a composition comprising (1)
CC	and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC	NAC in cells or tissues comprising contacting the cells or tissues with
CC	(1); and (3) treating an animal having a disease or condition associated
CC	with NAC comprising administering (1) to the animal so that expression of
CC	NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
CC	anti-inflammatory activities, and can be used in antisense therapy. The
CC	antisense compounds (1) are useful for modulating the expression of NAC,
CC	and for treating a disease or condition associated with expression of
CC	NAC, e.g. hyperproliferative disease, neurological diseases, or a disease
CC	or disorder arising from aberrant apoptosis. The compounds are also
CC	useful as research reagents and kits, or for diagnostics, therapeutics
CC	and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC	tumour formation. NAC is also known as a death effector filament-forming
CC	CED4-like apoptosis protein (BDFCAP). NAC is located on human chromosome
CC	17p13. The present sequence represents a human NAC chimeric
CC	phosphorothioate antisense oligonucleotide, which is given in the
CC	embodiment of the present invention
XX	
SQ	Sequence 20 BP; 4 A; 7 C; 4 G; 5 T; 0 U; 0 Other;
OY	Query Match 0.4%; Score 20; DB 1; Length 20;
Bst	Best local Similarity 100.0%; Pred. No. 1.9e+02;
Matches	20; Conservative 0; Mismatches 0; Indels 0; Gaps 0
Dy	5020 AGGGAATGCCATCTGGAGC 5039
Db	 20 AGGGATGTCCATCTGGAGC 1
RESULT 70	
ID	ACC45196/C
AC	ACC45196 standard; DNA; 20 BP.
XX	
AC	ACC45196;
DT	
DT	16-JUN-2003 (first entry)
XX	
DE	Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:56.
KM	Human; cytosolic; neurotropic; neuroprotective; antiinflammatory;
KM	antisense therapy; NAC; BDFCAP; hyperproliferative disease; apoptosis;
KM	death effector filament-forming CED4-like apoptosis protein;
KM	neurological disease; infection; inflammation; tumour formation;
KM	phosphorothioate; ss.
XX	
OS	Homo sapiens.
OS	Synthetic.
XX	
FH	Key
FT	modified_base
FT	Location/Qualifiers
FT	1..20
FT	/tag= a
FT	/mod_base= OTHER
FT	/notes= "phosphorothioate backbone"
FT	modified_base
FT	1..5
FT	/tag= b
FT	/mod_base= OTHER
FT	/notes= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT	modified_base
FT	16..20
FT	/tag= c

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PT /mod base= OTHER
ET /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
PN WO2003024988-A1.
PD 27-MAR-2003.
XX 19-SEP-2002; 2002WO-US029664.
XX 19-SEP-2001; 2001US-00956712.
XX 19-SEP-2001; 2001US-00956712.
PA (ISIS-) ISIS PHARM INC.
XX Bernett CF, Preter SM;
PI WPI; 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.
PT
XX Example 15; Page 76; 147pp; English.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridizes with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridizes with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (1)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (1) to the animal so that expression of
CC NAC is inhibited. (1) has cytosstatic, neurotropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (1) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CDK4-like apoptosis protein (DECAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
XX Sequence 20 BP; 4 A; 5 C; 4 G; 7 T; 0 U; 0 Other;
SQ
Query Match 0.44; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
CY 4438 GTGAACCAGAGATCTCAT 4457
DB 20 GTGAACCAAGAGATCTCAT 1
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RESULT 71
ID ACC45203/c
XX ACC45203 standard; DNA; 20 BP.
XX ACC45203;
XX 16-JUN-2003 (first entry)
XX Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:63.
DE Human; cytosstatic; neurotropic; neuroprotective; antiInflammatory;
XX antisense therapy; NAC; DECAP; hyperproliferative disease; apoptosis;
XX death effector filament-forming CDK4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW phosphorothioate; ss.

```



```
XX Homo sapiens.
OS Synthetic.
XX
FH Key
FT modified_base
FT 1..20
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base
FT 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base
FT 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
XX WO2003024988-A1.
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freier SM;
XX
XX WPI; 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
XX for treating a disease or condition associated with the expression of
XX NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Example 15; Page 76; 147pp; English.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
XX targeted to a nucleic acid molecule encoding NAC, where the compound
XX specifically hybridizes with the nucleic acid molecule encoding NAC and
XX inhibits the expression of NAC. The compound specifically hybridizes with
XX at least an 8-nucleobase portion of an active site on a nucleic acid
XX molecule encoding NAC. Also described: (1) a composition comprising (1)
XX and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
XX NAC in cells or tissues comprising contacting the cells or tissues with
XX (1); and (3) treating an animal having a disease or condition associated
XX with NAC comprising administering (1) to the animal so that expression of
XX NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
XX antiinflammatory activities, and can be used in antisense therapy. The
XX antisense compounds (1) are useful for modulating the expression of NAC,
XX and for treating a disease or condition associated with expression of
XX NAC, e.g. hyperproliferative disease, neurological disease, or a disease
XX or disorder arising from aberrant apoptosis. The compounds are also
XX useful as research reagents and kits, or for diagnostics, therapeutics
XX and prophylaxis, e.g. to prevent or delay infection, inflammation or
XX tumour formation. NAC is also known as a death effector filament-forming
XX CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
XX 17p13. The present sequence represents a human NAC chimeric
XX phosphorothioate antisense oligonucleotide, which is given in the
XX exemplification of the present invention
XX
XX Sequence 20 BP; 4 A; 4 C; 5 G; 7 T; 0 U; 0 Other;
XX
XX Query Match 0.4%; Score 20; DB 1; Length 20;
XX Best Local Similarity 100.0%; Pred. No. 1.9e+02;
XX Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX 4801 CTCACGAGCTGAAGTATCAA 4820
XX |||||
XX 20 CTCACGAGCTGAAGTATCAA 1
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RESULT 72
ACCA45168/c
ID ACCA45168 standard; DNA; 20 BP.
XX
XX ACCA45168;
XX
XX 16-JUN-2003 (first entry)
XX
XX Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:28.
XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
XX antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
XX death effector filament-forming CED4-like apoptosis protein;
XX neurological disease; infection; inflammation; tumour formation;
XX phosphorothioate; ss.
XX
XX Homo sapiens.
XX Synthetic.
XX
XX Key
XX Location/Qualifiers
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XX /tag= a
XX /mod_base= OTHER
XX /note= "phosphorothioate backbone"
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XX 1..5
XX /tag= b
XX /mod_base= OTHER
XX /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX modified_base
XX 16..20
XX /tag= c
XX /mod_base= OTHER
XX /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
XX WO2003024988-A1.
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freier SM;
XX
XX WPI; 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
XX for treating a disease or condition associated with the expression of
XX NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Claim 3; Page 75; 147pp; English.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
XX targeted to a nucleic acid molecule encoding NAC, where the compound
XX specifically hybridizes with the nucleic acid molecule encoding NAC and
XX inhibits the expression of NAC. The compound specifically hybridizes with
XX at least an 8-nucleobase portion of an active site on a nucleic acid
XX molecule encoding NAC. Also described: (1) a composition comprising (1)
XX and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
XX NAC in cells or tissues comprising contacting the cells or tissues with
XX (1); and (3) treating an animal having a disease or condition associated
XX with NAC comprising administering (1) to the animal so that expression of
XX NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
XX antiinflammatory activities, and can be used in antisense therapy. The
XX antisense compounds (1) are useful for modulating the expression of NAC,
XX and for treating a disease or condition associated with expression of
XX NAC, e.g. hyperproliferative disease, neurological disease, or a disease
XX or disorder arising from aberrant apoptosis. The compounds are also
XX useful as research reagents and kits, or for diagnostics, therapeutics
XX and prophylaxis, e.g. to prevent or delay infection, inflammation or
XX tumour formation. NAC is also known as a death effector filament-forming
XX CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
```


CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
SQ Sequence 20 BP; 8 A; 3 C; 6 G; 3 T; 0 U; 0 Other;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1610 ATGCTCTTACTTACCTGACCTGC 1629
DB 20 ATGCTCTTACTTACCTGACCTGC 1
RESULT 73
ACC45176/c
ID ACC45176 standard; DNA; 20 BP.
XX
AC ACC45176;
XX
AC 16-JUN-2003 (first entry)
XX
DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:36.
XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DERCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CED4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW phosphorothioate; ss.
XX
OS Homo sapiens.
OS Synthetic.
XX
XX Key Location/Qualifiers
FT modified_base 1..20 /*tag= a
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FT /*note= "2'-O-methoxyethyl (2'-MOE) gapmer"
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FT /*note= "2'-O-methoxyethyl (2'-MOE) gapmer"
PN WO2003024988-A1.
XX
PD 27-MAR-2003.
XX
PF 19-SEP-2002; 2002WO-US029664.
XX
PR 19-SEP-2001; 2001US-00956712.
XX
PA (ISIS-) ISIS PHARM INC.
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PI Bennett CF, Freiler SM;
XX
PI WPI; 2003-354583/33.
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DR New antisense compounds, useful for modulating the expression of NAC or
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XX
PS Claim 3; Page 75; 147pp; English.
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CC The present invention describes a compound (1) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridises with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridises with
CC at least an 8-nucleobase portion of an active site on a nucleic acid

CC molecule encoding NAC. Also described: (1) a composition comprising (1)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (1) to the animal so that expression of
CC NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (1) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DERCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
SQ Sequence 20 BP; 6 A; 5 C; 3 G; 6 T; 0 U; 0 Other;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2996 TGAAGAGCTTTGTAGACC 3015
DB 20 TGAAGAGCTTTGTAGACC 1
RESULT 74
ACC45180/c
ID ACC45180 standard; DNA; 20 BP.
XX
AC ACC45180;
XX
DT 16-JUN-2003 (first entry)
XX
DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:40.
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XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DERCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CED4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW phosphorothioate; ss.
XX
OS Homo sapiens.
OS Synthetic.
XX
XX Key Location/Qualifiers
FT modified_base 1..20 /*tag= a
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FT modified_base 1..5 /*tag= b
FT /*mod_base= OTHER
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FT /*note= "2'-O-methoxyethyl (2'-MOE) gapmer"
PN WO2003024988-A1.
XX
PD 27-MAR-2003.
XX
PF 19-SEP-2002; 2002WO-US029664.
XX
PR 19-SEP-2001; 2001US-00956712.
XX
PA (ISIS-) ISIS PHARM INC.
XX

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PI Bennett CF, Freier SM;
XX WPI; 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Claim 3; Page 75; 147pp; English.
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CC The present invention describes a compound (I) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridizes with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridizes with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (I)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (I) to the animal so that expression of
CC NAC is inhibited. (I) has cytostatic, neurotropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (I) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
SQ Sequence 20 BP; 3 A; 9 C; 1 G; 7 T; 0 U; 0 Other;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 3412 AGTGATGAGTGGCAGCA 3431
Db 20 AGTGATGAGTGGCAGCA 1
RESULT 75
ACCA5190/c
ID ACCA5190 standard; DNA; 20 BP.
XX
AC ACCA5190;
XX
AC 16-JUN-2003 (first entry)
DT
XX
DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:50.
XX
KW Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CED4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW phosphorothioate; 88.
XX
XX Homo sapiens.
OS Synthetic.
OS
XX
FH Key Location/Qualifiers
FT modified_base 1..20
FT /tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT

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FT modified_base 16..20
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XX
XX MO2003024988-A1.
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freier SM;
XX WPI; 2003-354583/33.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
XX targeted to a nucleic acid molecule encoding NAC, where the compound
XX specifically hybridizes with the nucleic acid molecule encoding NAC and
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XX at least an 8-nucleobase portion of an active site on a nucleic acid
XX molecule encoding NAC. Also described: (1) a composition comprising (I)
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XX NAC in cells or tissues comprising contacting the cells or tissues with
XX (1); and (3) treating an animal having a disease or condition associated
XX with NAC comprising administering (I) to the animal so that expression of
XX NAC is inhibited. (I) has cytostatic, neurotropic, neuroprotective and
XX antiinflammatory activities, and can be used in antisense therapy. The
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XX or disorder arising from aberrant apoptosis. The compounds are also
XX useful as research reagents and kits, or for diagnostics, therapeutics
XX and prophylaxis, e.g. to prevent or delay infection, inflammation or
XX tumour formation. NAC is also known as a death effector filament-forming
XX CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
XX phosphorothioate antisense oligonucleotide, which is given in the
XX exemplification of the present invention
XX
SQ Sequence 20 BP; 3 A; 6 C; 7 G; 4 T; 0 U; 0 Other;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4097 TCGTCTGGAGAGCCAGCC 4116
Db 20 TCGTCTGGAGAGCCAGCC 1
RESULT 76
ACCA5191/c
ID ACCA5191 standard; DNA; 20 BP.
XX
AC ACCA5191;
XX
AC 16-JUN-2003 (first entry)
DT
XX
DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:51.
XX
KW Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CED4-like apoptosis protein;
KW

```

KM neurological disease; infection; inflammation; tumour formation;
XX phosphorothioate; ss.
OS Homo sapiens.
OS Synthetic.
XX
FH Key
FT modified_base
FT 1. .20
FT /tag= a
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FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base
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FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
PN WO2003024988-A1.
XX
PD 27-MAR-2003.
XX
PF 19-SEP-2002; 2002WO-US029664.
XX
PR 19-SEP-2001; 2001US-00956712.
XX
PA (ISIS-) ISIS PHARM INC.
XX
PI Bennett CF, Freter SM;
XX
PI WPI; 2003-354583/33.
XX
PT New antisense compounds, useful for modulating the expression of NAC or
PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.
XX
PS Claim 3; Page 75; 147pp; English.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridises with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridises with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (I)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (I); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (I) to the animal so that expression of
CC NAC is inhibited. (I) has cytosstatic, neurotropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (I) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of NAC,
CC e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEPCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC ciliate
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
SQ Sequence 20 BP; 7 A; 5 C; 6 G; 2 T; 0 U; 0 Other;
XX
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4223 TGGTGTGCTTACACCGC 4242
DB 20 TGGTGTGCTTACACCGC 1

RESULT 77.
ACCA5200/C
ID ACC45200 standard; DNA; 20 BP.
XX
XX ACC45200;
AC
XX
DT 16-JUN-2003 (first entry)
XX
XX Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:60.
XX
XX Human; cytosstatic; neurotropic; neuroprotective; antiinflammatory;
KM antisense therapy; NAC; DEPCAP; hyperproliferative disease; apoptosis;
KM death effector filament-forming CED4-like apoptosis protein;
KM neurological disease; infection; inflammation; tumour formation;
KM phosphorothioate; ss.
XX
OS Homo sapiens.
OS Synthetic.
XX
FH Key
FT modified_base
FT 1. .20
FT /tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base
FT 1. .5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base
FT 16. .20
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PN WO2003024988-A1.
XX
PD 27-MAR-2003.
XX
PF 19-SEP-2002; 2002WO-US029664.
XX
PR 19-SEP-2001; 2001US-00956712.
XX
PA (ISIS-) ISIS PHARM INC.
XX
PI Bennett CF, Freter SM;
XX
PI WPI; 2003-354583/33.
XX
PT New antisense compounds, useful for modulating the expression of NAC or
PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.
XX
PS Claim 3; Page 76; 147pp; English.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridises with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridises with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (I)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (I); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (I) to the animal so that expression of
CC NAC is inhibited. (I) has cytosstatic, neurotropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (I) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of NAC,
CC e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or

PA (ISIS-) ISIS PHARM INC.
 XX Bennett CF, Freiler SM;
 PI WPI; 2003-354583/33.
 XX
 XX
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 PT for treating a disease or condition associated with the expression of
 PT NAC, e.g. hyperproliferative disease or neurological disease.
 PS Example 15; Page 75; 147pp; English.
 XX
 CC The present invention describes a compound (1) 8-50 nucleobases in length
 CC targeted to a nucleic acid molecule encoding NAC, where the compound
 CC specifically hybridizes with the nucleic acid molecule encoding NAC and
 CC inhibits the expression of NAC. The compound specifically hybridizes with
 CC at least an 8-nucleobase portion of an active site on a nucleic acid
 CC molecule encoding NAC. Also described: (1) a composition comprising (1)
 CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
 CC NAC in cells or tissues comprising contacting the cells or tissues with
 CC (1); and (3) treating an animal having a disease or condition associated
 CC with NAC comprising administering (1) to the animal so that expression of
 CC NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
 CC antiinflammatory activities, and can be used in antisense therapy. The
 CC antisense compounds (1) are useful for modulating the expression of NAC,
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 CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
 CC or disorder arising from aberrant apoptosis. The compounds are also
 CC useful as research reagents and kits, or for diagnostics, therapeutics
 CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
 CC tumour formation. NAC is also known as a death effector filament-forming
 CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
 CC 17p13. The present sequence represents a human NAC chimeric
 CC phosphorothioate antisense oligonucleotide, which is given in the
 CC exemplification of the present invention
 XX
 SQ Sequence 20 BP; 7 A; 8 C; 3 G; 2 T; 0 U; 0 Other;
 Query Match 0.4%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.9e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 2870 TGGTAGCTGCTGTCAGGTGG 2889
 DB 20 TGGTAGCTGCTGTCAGGTGG 1
 RESULT 80
 ACC45178/c
 ID ACC45178 standard; DNA; 20 BP.
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 AC ACC45178;
 XX
 DT 16-JUN-2003 (first entry)
 XX
 DB Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:38.
 XX
 KM Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
 KM antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
 KM death effector filament-forming CED4-like apoptosis protein;
 KM neurological disease; infection; inflammation; tumour formation;
 KM phosphorothioate; 88.
 XX
 OS Homo sapiens.
 OS Synthetic.
 XX
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 PN 27-MAR-2003.
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 PF 19-SEP-2002; 2002WO-US029664.
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 PR 19-SEP-2001; 2001US-00956712.
 XX
 PA (ISIS-) ISIS PHARM INC.
 XX Bennett CF, Freiler SM;
 PT WPI; 2003-354583/33.
 XX
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 CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
 CC 17p13. The present sequence represents a human NAC chimeric
 CC phosphorothioate antisense oligonucleotide, which is given in the
 CC exemplification of the present invention
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 SQ Sequence 20 BP; 3 A; 7 C; 6 G; 4 T; 0 U; 0 Other;
 Query Match 0.4%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.9e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 3212 AGCGACTGCACTGTCAGC 3231
 DB 20 AGCGACTGCACTGTCAGC 1
 RESULT 81
 ACC45182/c
 ID ACC45182 standard; DNA; 20 BP.
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 AC ACC45182;
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 DT 16-JUN-2003 (first entry)
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 DB Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:42.
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 KM Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;

KM antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KM death effector filament-forming CED4-like apoptosis protein;
KM neurological disease; infection; inflammation; tumour formation;
KM phosphorothioate; ss.

OS Homo sapiens.
XX Synthetic.

XX Key Location/Qualifiers
FH modified_base 1..20
FT /tag= a
FT /mod_base= OTHER

FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"

FT modified_base 16..20
FT /tag= c
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FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

PN WO2003024988-A1.

PD 27-MAR-2003.

PF 19-SEP-2002; 2002WO-US029664.

PR 19-SEP-2001; 2001US-00956712.

PA (ISIS-) ISIS PHARM INC.

PI Bennett CF, Freier SM;

PI WPI; 2003-354583/33.

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CC and for treating a disease or condition associated with expression of
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CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
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CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention

XX Sequence 20 BP; 2 A; 9 C; 5 G; 4 T; 0 U; 0 Other;

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3426 GCAGAACTGAGGCGCCTGG 3445

DB 20 GCAGAACTGAGGCGCCTGG 1

RESULT 82
ACC45209/C
ID ACC45209 standard; DNA, 20 BP.

XX ACC45209;
AC 16-JUN-2003 (first entry)
DT
DT
XX

DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:69.

XX Human; cytosstatic; nootropic; neuroprotective; antiinflammatory;
KM antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KM death effector filament-forming CED4-like apoptosis protein;
KM neurological disease; infection; inflammation; tumour formation;
KM phosphorothioate; ss.

OS Homo sapiens.
XX Synthetic.

XX Key Location/Qualifiers
FH modified_base 1..20
FT /tag= a
FT /mod_base= OTHER

FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"

FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

PN WO2003024988-A1.

PD 27-MAR-2003.

PF 19-SEP-2002; 2002WO-US029664.

PR 19-SEP-2001; 2001US-00956712.

PA (ISIS-) ISIS PHARM INC.

PI Bennett CF, Freier SM;

PI WPI; 2003-354583/33.

PT New antisense compounds, useful for modulating the expression of NAC or
PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.

XX Claim 3; Page 76; 147pp; English.

XX The present invention describes a compound (I) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridises with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridises with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (I)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (I); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (I) to the animal so that expression of
CC NAC is inhibited. (I) has cytosstatic, nootropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (I) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also